

# UNIT-II

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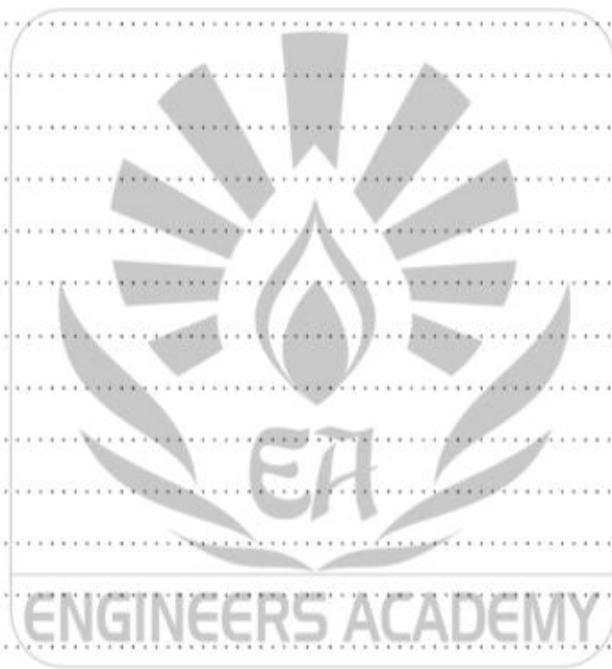
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## NOTES



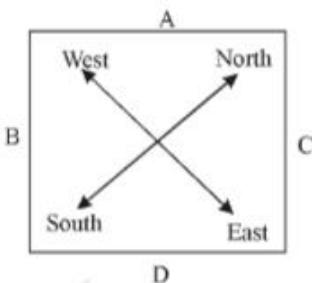
**DIRECTION TEST****OBJECTIVE QUESTIONS**

1. Sumit moves 21 km in North from his House. Then he take Right 17 km. Finally he take Right 10 km. What is respect direction of Sumit from his house?  
 (a) North                   (b) North-East  
 (c) South-West           (d) West
2. Ram went 10 km in North from his house. Then he take Left 4 km, again he take left 17 km. What is his direction from starting point ?  
 (a) South-West           (b) North  
 (c) East                   (d) North-West
3. Neeraj's school gate is in north of school. He move out side 200 m from the gate after seeing teacher he return back in just opposite side 300 m. Then he move left 400 m .What is starting point's direction from him ?  
 (a) North-West           (b) North-East  
 (c) South-East           (d) East
4. Sunny moves 25 m in south and then he turn right 15 m, again he turn left 25 m. What is his direction from origin point ?  
 (a) East-West           (b) South-East  
 (c) South-West           (d) North-South
5. Rakhi facing towards north. She take right 25 m after this she take left 30 m. Again she move right 25 m,then right 55 m. Finally she take right 40 m. What is her direction from origin point ?  
 (a) South-West           (b) South  
 (c) North-West           (d) South-East
6. A house faces towards south. A room is situated left after entering in house. A window is situated right after entering in room.What is my facing direction when I facing towards window ?  
 (a) East                   (b) West  
 (c) North                   (d) South
7. A girl walks 30 m in north-west from his home and then 30 m in south-west. Finally she move 30 m south-east. In end she returns to her home. Now in which direction she is going?  
 (a) South-West           (b) North-East  
 (c) North-West           (d) South-East
8. P, Q, R, S, T, U, V and W are sitting around a round table. They have equal distance in among them. They are arrange in clockwise rotation. If V's position is towards North then what is the position of S?  
 (a) East                   (b) South-East  
 (c) South                   (d) South-West
9. Manisha turn right after leaving school and then she turn left and walk some distance again she takes a left, and right. Finally she is facing towards east. What is the starting direction of Manisha?  
 (a) North-West           (b) East  
 (c) South                   (d) North-East
10. Mohan moves from his house. He takes left after moving 100 m. Then he again take left after moving 200 m. Finally he takes left after 300 m. Now if he is moving towards east then what is the direction of Mohan's house gate?  
 (a) North                   (b) South  
 (c) East                   (d) West
11. Ram move 2 km straight from his house and he take right 1 km, again take right 1 km. Finally he move towards north-west. What is the starting direction of Ram?  
 (a) South-East           (b) North-West  
 (c) South-West           (d) North-East

12. When Kareem slipped down than he was moving to east. Before he slipped he went out from his house 100 meters right and he turned left nearby the school and turned left after take some distance and finally he take a right after taking a left. In which direction he was exit from his house?
- (a) East    (b) West  
 (c) North                                        (d) South
13. M is in the east of D, F is in the south of D and K is in west of F. What is the M's direction with respect of K?
- (a) South-West                                 (b) North-West  
 (c) North-East                                 (d) South
14. Five villages A, B, C, D and E are situated like that village D is in east of B, village A is in south of D, village E is in north of B and village C is in west of A then, What is the D's direction with respect to village C?
- (a) North-West                                 (b) South-West  
 (c) South-East                                 (d) North-East
15. Village Q is in south of village R. Village P is in west of village Q. Village S is in north of village R. If village S and R, P and Q are in a straight line then, What is the direction of village Q's with respect to village S?
- (a) South                                         (b) West  
 (c) North                                         (d) East
16. If B is in south of A and B is in west of C. C is in north of D and D is in west of E then, What is the C's direction with respect to E?
- (a) North-West                                 (b) South-East  
 (c) North-East                                 (d) South-West
- Direction : 17 to 19*
- Point D is in 14 meters west of point A. Point B is 4 meters south of point D. Point F is 9 meters south of point D. Point E is 7 meters east of point B. Point C is 4 meters north of point E. Point G is 4 meters south of point A.
17. Which of the following points are in straight line?
- (a) D, E, A                                        (b) E, G, C  
 (c) D, B, G                                        (d) E, G, B
18. What is the direction of A with respect of point C?
- (a) East    (b) West  
 (c) North    (d) South
19. If a person move 5 meters in north from point F and take a right than which of following point came first?
- (a) G     (b) D  
 (c) E     (d) A
- Direction : 20 & 21*
- Read this information carefully and answer the following question :*
- Meghana walks 7 m towards west from point A & turn left for 2 m to point C. Then she walks 4 m right to point D. Then she turn right 2 m. Finally she move 3 m right to point B.
20. How far and in which direction is Meghana from point A?
- (a) 8 m East                                         (b) 8 m West  
 (c) 10 m East                                        (d) 10 m West
21. If Meghana walks 2 m south from point A to point E. Then which of the following points are in straight line (including E)?
- (a) A, B    (b) A, D  
 (c) B, C    (d) None of these
- Direction : 22 & 23*
- Raju walks 5 m south from point P. Then he walks left 2 m to point Q. He walks left 3 m, right 1 m to point R. He moves 2 m left to point S. Finally he walks 2 m left to point T.
22. If raju walks 2 m south from T and turn left. Then in which direction will his face be?
- (a) None    (b) P  
 (c) Q    (d) R
23. How far and in which direction is the point T from point P?
- (a) 2 m East                                         (b) 1 m West  
 (c) 1 m East                                         (d) 2 m West

24. One morning after sunrise, Nishant's shadow is in right of him when he walk. Then he turn left and then he turn just opposite side, which direction was Nishant facing?
- (a) West                   (b) East  
 (c) North-East           (d) South-East
25. After sunrise Rajsekhar standing on road side. He saw that Sheela is coming from opposite side. If Rajsekhar's shadow is in left of Sheela then which direction was Rajsekhar facing?
- (a) South                   (b) North  
 (c) North-East           (d) South-West
26. After sunrise Arun standing on road side. He saw his shadow behind him then, Which direction was Arun's right shows?
- (a) South                   (b) East  
 (c) West                   (d) North
27. In evening, Apurva meet to Shikha. If Apurva's shadow falls exactly left of Shikha then which direction was Shikha facing?
- (a) East                   (b) West  
 (c) North                   (d) South
28. A train is moving towards south to north. Air is blowing towards west to east. What is the resultant direction of smoke?
- (a) North-East           (b) South-West  
 (c) South-East           (d) North-West
29. A train is moving towards west to east. Air is blowing towards south. What is the resultant direction of smoke?
- (a) North-West           (b) South-West  
 (c) North                   (d) South
30. In evening Ramesh faces towards Sun. A train is passing behind him. If the smoke of train blowing towards Ramesh's left hand then which direction was train running?
- (a) East                   (b) West  
 (c) North                   (d) South
31. An electronic train is moving towards East to West. Air is blowing towards West to East. What is the resultant direction of smoke?
- (a) North-South           (b) West-East  
 (c) East-West           (d) None of these
32. You are facing towards South-West. If you take  $135^\circ$  left then what was your resultant direction?
- (a) North                   (b) North-East  
 (c) East                   (d) South-East
33. A man is facing towards South. He take  $135^\circ$  anticlockwise,  $180^\circ$  clockwise rotation then what was facing side of the man?
- (a) North-East           (b) North-West  
 (c) South-East           (d) South-West
34. If South-East becomes North, North-East becomes West and so on. What will West become?
- (a) North-East           (b) North-West  
 (c) South-East           (d) South-West
35. If North becomes West, East becomes North and so on. What will North-West become?
- (a) South-West           (b) North-East  
 (c) South-East           (d) North
36. If South-East becomes South-West. What will change becomes in directions?
- (a) East becomes West  
 (b) East becomes South  
 (c) West becomes South  
 (d) North becomes West
37. A man is moving towards North. Which of following way can use for moving to East?
- (a) L, R, R, L, L, R  
 (b) L, L, L, R, R, R  
 (c) L, R, L, R, R, R  
 (d) L, R, R, L, L, L
38. A man is moving towards West. Which of following way can use for moving to East?
- (a) R, L, R, L, R, L, R  
 (b) R, L, L, R, L, L, R  
 (c) R, R, L, L, R, R  
 (d) R, L, R, R, L, R, L

39. A, B, C and D are standing around a square field. You must follow the following direction and answer the question.



- If A moves  $2\frac{1}{2}$  field clockwise and D moves  $2\frac{1}{2}$  field anticlockwise then they are:
- South and West
  - North and East
  - South and North
  - North and West
40. Rohit was facing towards East. He walk left 10 m than again turn left and move 10 m. He take right  $45^\circ$  and move 25 m. Which direction is he from starting point?
- North-East
  - North-West
  - South-West
  - South-East
41. Mohit was facing North-West. He turn right  $135^\circ$ , left  $45^\circ$ , right  $180^\circ$  and left  $270^\circ$ . Which direction is Mohit facing now?
- North
  - South
  - North-West
  - South-West
42. Akash cycled 10 km towards South then he turn right and cycled 5 km again turn right and cycled 10 km. Find the distance from starting point?
- 10 km
  - 5 km
  - 20 km
  - 35 km
43. Neelam walks 12 km towards North from there she walks 9 km towards South then she walks 4 km towards West. How many km is she from the starting point?
- 6 km
  - 9 km
  - 5 km
  - 4 km

44. Two persons moves in opposite side from a point. Both moves 15 km individually then one of them turn left and 2<sup>nd</sup> one turn towards right 15 km respectively. Find the distance in between them?
- 15 km
  - 30 km
  - 20 km
  - 35 km
45. Pooja walks 7 m towards South-East then she walks towards West 14 m. From there she walks 7 m towards North-West, finally she walks 4 m towards East. Find the distance from the starting point?
- 1 m
  - 5 m
  - 6 m
  - 10 m
46. Priya walks 20 m towards west then she turn left and walks 40 m, again left 20 m, right 20. Then she reached in a garden. Find the distance and respect direction from the starting point?
- 40 m, South-West
  - 50 m, West
  - 60 m, South
  - 70 m, South-West
47. A child moves 90 m to east then 20 m towards right again 30 m right finally he moves 100 m towards north. Find the distance from starting point?
- 80 m
  - 40 m
  - 100 m
  - 60 m
48. Length and breadth of a room are 8 m and 6 m respectively. A cat complete a round of room and then move diagonally. Find the total distance moved by the cat?
- 40 m
  - 38 m
  - 28 m
  - 32 m
49. Vinod walks 4 km towards East from his house. Then he turn left for 4 km again he turn left for 4 km. Find the distance and respect direction from starting point?
- North, 4 km
  - North-East, 4 km
  - South, 12 km
  - West, 4 km

50. A bus driver drive 2 km towards North from school. Then he turn left for 5 km again turn left for 8 km then left for 5 km. Finally turn left and drive for 1 km left. Find how much distance and in which direction driver move to reach school?
- (a) 2 km, North      (b) 5 km, North  
(c) 6 km, South      (d) 6 km, West
51. Amit walks 5 m towards North-East from point A to B. Then he walks 8 m towards East for point C, from there he walks same distance from A to B towards South-West for point D, finally he walks towards West for starting point A. Find the total distance travel by Amit and which of Geometrical image form by Amit ?
- (a) 26 m, Square      (b) 26 m, Parallelogram  
(c) 26 m, Trapezium      (d) 16 m, Trapezium
52. A and B walks in opposite side from a point. Each of them moves 3 km then A turn right for 4 km and B also turn right and moves 4 km. What distance is between A and B ?
- (a) 8 km      (b) 10 km  
(c) 12 km      (d) 14 km
53. Avantika walks 10 feet towards south-west. Then she walks towards north for 8 feet and turn right for 10 feet. What is the distance from the starting point?
- (a) 20 feet      (b) 18 feet  
(c) 10 feet      (d) 4 feet
54. Pankaj moves 10 m towards north. Then he turn right for 20 m, again right for 25 m then left for 15 m. Finally turn left for 15 m. Find the distance and respect direction from starting point ?
- (a) 35 m, East      (b) 10 m, West  
(c) 25 m, East      (d) 5 m, West
55. I am facing towards east then I turn left for 12 feet. Then turn right for 6 feet. From there turn towards south for 6 feet, finally towards west for 6 feet. Find the distance and respect direction from starting point ?
- (a) 5 feet, West      (b) 6 feet, East  
(c) 6 feet, South      (d) 6 feet, North

**ANSWER KEY**

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. Ans. (b)  | 15. Ans. (a) | 29. Ans. (b) | 43. Ans. (c) |
| 2. Ans. (a)  | 16. Ans. (a) | 30. Ans. (c) | 44. Ans. (b) |
| 3. Ans. (a)  | 17. Ans. (d) | 31. Ans. (d) | 45. Ans. (d) |
| 4. Ans. (c)  | 18. Ans. (a) | 32. Ans. (c) | 46. Ans. (c) |
| 5. Ans. (d)  | 19. Ans. (c) | 33. Ans. (d) | 47. Ans. (c) |
| 6. Ans. (c)  | 20. Ans. (b) | 34. Ans. (c) | 48. Ans. (b) |
| 7. Ans. (b)  | 21. Ans. (d) | 35. Ans. (a) | 49. Ans. (a) |
| 8. Ans. (d)  | 22. Ans. (d) | 36. Ans. (b) | 50. Ans. (b) |
| 9. Ans. (b)  | 23. Ans. (c) | 37. Ans. (d) | 51. Ans. (b) |
| 10. Ans. (a) | 24. Ans. (a) | 38. Ans. (c) | 52. Ans. (b) |
| 11. Ans. (a) | 25. Ans. (a) | 39. Ans. (a) | 53. Ans. (d) |
| 12. Ans. (d) | 26. Ans. (a) | 40. Ans. (b) | 54. Ans. (a) |
| 13. Ans. (c) | 27. Ans. (d) | 41. Ans. (c) | 55. Ans. (d) |
| 14. Ans. (d) | 28. Ans. (c) | 42. Ans. (b) |              |

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**OBJECTIVE QUESTIONS**

1. Ram is 7<sup>th</sup> from top & 28<sup>th</sup> from bottom in a class. How many students are there in the class?  
(a) 35                          (b) 34  
(c) 28                           (d) 32
2. If I am 6<sup>th</sup> from both ends, then how many candidates are there in the row ?  
(a) 12                           (b) 13  
(c) 11                           (d) Cannot be determine
3. In a row of childrens, Neeta is 15<sup>th</sup> from the left if she shifts by 4 places towards right, than she becomes 8<sup>th</sup> from the right how many childrens are there in the row ?  
(a) 27                           (b) 26  
(c) 24                           (d) 28
4. In a north facing row of childrens, Ritesh is 12<sup>th</sup> from the left end, Sudhir who is 22<sup>nd</sup> from the right end, is 4<sup>th</sup> right from Ritesh. How many childrens are there in the row ?  
(a) 35                           (b) 36  
(c) 37                           (d) 34
5. Poonam is 7<sup>th</sup> from top in a class. If Shanu is 3 place upper than Poonam and is 22<sup>nd</sup> from the down then find how many girls are there in the class ?  
(a) 22                           (b) 26  
(c) 25                           (d) 28
6. Sandeep is 7<sup>th</sup> from top and Anupam is 18<sup>th</sup> from bottom. If Suresh who is 2 place upper than Anupam and 15 place down than Sandeep. How many candidates are there in the row ?  
(a) 22                           (b) 43  
(c) 14                           (d) 41
7. Akash is 25<sup>th</sup> from the front in a queue Alok's position is 10 front from Akash and 18<sup>th</sup> from the back. How many persons are there in the queue ?  
(a) 32                           (b) 15  
(c) 31                           (d) 16
8. Kapil is 13<sup>th</sup> from the top and 26<sup>th</sup> from the bottom in passed students of an annual exam. If 6 students are fail in the exam, then find total number of students appear in exam ?  
(a) 38                           (b) 40  
(c) 42                           (d) 44
9. Vijay is 15<sup>th</sup> from the left and Manoj is 12<sup>th</sup> from the right They exchange their positions and then Vijay becomes 20<sup>th</sup> from the left end. How many students are there in the row ?  
(a) 31                           (b) 32  
(c) 33                           (d) 34
10. Kiran is 15<sup>th</sup> from right and Divya is 10<sup>th</sup> from the left end in a queue of girls. If Divya shifts 5 places right then Divya becomes immediate right of Kiran. Find the total number of girls in the queue?  
(a) 29                           (b) 30  
(c) 28                           (d) None of these
11. In a north facing row of girls, Jigana is 10<sup>th</sup> left from Maya who is 21<sup>st</sup> from the right end. If Komal who is 17<sup>th</sup> from left end, is 4<sup>th</sup> right from Jigana. Find the total number of girls in the row ?  
(a) 40                           (b) 44  
(c) 37                           (d) 43
12. A is 5<sup>th</sup> from the left end and B is 8<sup>th</sup> from the right end in class. There are four students in between A and B, How many students are there in the class ?  
(a) 16                           (b) 17  
(c) 18                           (d) 19
13. P is 12<sup>th</sup> from the left end and Q is 16<sup>th</sup> from the right end in a class. If 1/3 persons of total are there in between P and Q, How many persons are there in the class ?  
(a) 42                           (b) 34  
(c) 28                           (d) Cannot be determine

- 14.** In a row, A is 18<sup>th</sup> from the front and B is 16<sup>th</sup> from the back. If C is 24<sup>th</sup> from the front and is placed exactly in between A and B. How many persons are there in the row ?
- (a) 45    (b) 46  
 (c) 47    (d) 48
- 15.** In a row of girls, Reshma is 10<sup>th</sup> from the right end and is 4<sup>th</sup> left of Reema who is immediate left of Priya. If Priya is 11<sup>th</sup> from left end then, How many girls are there in the row ?
- (a) 15    (b) 17  
 (c) 11    (d) 16
- 16.** Suresh is 11<sup>th</sup> from the left in a row of student, Surbhi is 20<sup>th</sup> from the right and is 10<sup>th</sup> right of Suresh then the find total number of students in row ?
- (a) 30    (b) 31  
 (c) 40    (d) 41
- 17.** In a row of childrens Babita is 27<sup>th</sup> from left and Khushboo is 2<sup>nd</sup> from right interchange their positions, Khushboo becomes 26<sup>th</sup> from the right. How many childrens are there in the row ?
- (a) 52    (b) 42  
 (c) 41    (d) 40
- 18.** Ram is 5<sup>th</sup> from the left in the class. Mohan is 15<sup>th</sup> from the right and 17<sup>th</sup> from the left then find the position of Ram from the right end of row ?
- (a) 26    (b) 27  
 (c) 28    (d) 29
- Direction : 19 to 21**
- In a class of 60 students, girls are twice then the boys. Ram is a boy. If 9 girls are before than the Ram who is 17<sup>th</sup> from the top then :
- 19.** How many boys are after than Ram ?
- (a) 12    (b) 13  
 (c) 14    (d) 15
- 20.** What is Ram's position from bottom in boys ?
- (a) 13    (b) 12  
 (c) 14    (d) 15
- 21.** What is Ram's position from bottom in the class?
- (a) 43    (b) 44  
 (c) 45    (d) 46
- 22.** In a class of childrens, Neha is 5<sup>th</sup> right of Robin. Ashok is 12<sup>th</sup> right of Neha and is 28<sup>th</sup> from right end. Find the Robin's position from left end ?
- (a) 11    (b) 13  
 (c) 10    (d) Data inadequate
- 23.** In the row of 16 childrens when Anil shifted two place to left then he becomes 7<sup>th</sup> from left end. Find the Anil's original position from the right end ?
- (a) 8    (b) 12  
 (c) 16                                        (d) 20
- 24.** Sandeep and Raju position are 13 and 14 from the top respectively in a row of 23 boys. What were there positions from the bottom ?
- (a) 10 and 11                              (b) 9 and 10  
 (c) 11 and 10                             (d) None of these
- 25.** 25 childrens are sitting in row facing towards north. Q is 8<sup>th</sup> from the right. If ten students are in between Q and D. Find the D's position from the left end ?
- (a) 7    (b) 19  
 (c) 8    (d) 12
- 26.** In a row of students, Ramesh is 9<sup>th</sup> from the left and Suman is 6<sup>th</sup> from the right. If they interchange their places, Ramesh will be 15<sup>th</sup> from the left. Find the new position of Suman from the right end?
- (a) 12    (b) 13  
 (c) 15    (d) 6
- 27.** P is 15<sup>th</sup> from the left and Q is 7<sup>th</sup> from the right in a queue. If 3 persons are there in between them and R is immediate left of P What is R's position from right end ?
- (a) 8    (b) 9  
 (c) 10                                        (d) 4
- 28.** In a row 22, students are arrange left to right. If Odd place students replaced by even place students like 1<sup>st</sup> is exchange by 2<sup>nd</sup>, 3<sup>rd</sup> is by 4<sup>th</sup> and so on. Reena is 13<sup>th</sup> from left what is Reena's position from right after exchange ?
- (a) 11    (b) 9  
 (c) 12    (d) 14

29. A is 25<sup>th</sup> from left and B is 24<sup>th</sup> from right in total 54. How many candidates are in between A and B ?  
 (a) 5                    (b) 10  
 (c) 15                  (d) 20
30. A is 38<sup>th</sup> from left and B is 26<sup>th</sup> from right in total 54. How many candidates are in between A and B ?  
 (a) 5                    (b) 8  
 (c) 9                    (d) 7
31. In a row of girls, Poonam is 27<sup>th</sup> from the left and Jyoti is 22<sup>nd</sup> from right. They exchange their positions, now Jyoti is 28<sup>th</sup> from right. How many girls are there in between them ?  
 (a) 5                    (b) 6  
 (c) 7                    (d) 8
32. Which of the following letter is exact between 21<sup>st</sup> letter from right and 20<sup>th</sup> letter from left in English Alphabet ?  
 (a) N                    (b) L  
 (c) K                    (d) M
33. Vijay is 14<sup>th</sup> from front and Jack is 17<sup>th</sup> from back in a row. Merry is exact between Vijay and Jack. If there are 48 candidates in row. Find the number of candidates in between Vijay and Merry ?  
 (a) 8                    (b) 7  
 (c) 6                    (d) 5
34. In a row of boys, Mukesh is 15<sup>th</sup> from front. As many as boys are in front of Mukesh, thrice many boys are behind him. How many students are there in between Mukesh & 7<sup>th</sup> from the back students ?  
 (a) 33                  (b) 35  
 (c) 34                  (d) Data inadequate
35. Gopal is smaller than Krishan, Mohan is taller than Girdhar, Gopal is taller than Mohan, Krishan is smaller than Murli, than Find who are the tallest and smallest among them ?  
 (a) Murli and Mohan (b) Krishan and Gopal  
 (c) Murli and Girdhar (d) Krishan and Girdhar
36. Kiran is taller than Sameer but smaller than Pramod, John is taller than Urmila, Sameer is taller than John. Find which one is smallest among them?  
 (a) Pramod              (b) Urmila  
 (c) Kiran                (d) Sameer
37. Ganga, Yamuna, Sarswati, Koshi and Som are five rivers. Ganga is smaller than Yamuna but taller Som. Sarswati is tallest among them. If Koshi is smaller than Yamuna but taller than Ganga, Find the smallest among them ?  
 (a) Som                  (b) Sarswati  
 (c) Ganga                (d) Yamuna
38. Prakash is taller than Geeta, Amar is taller than Prabhat but smaller than Geeta, Prabhodh is taller than Prakash. Which one is smallest among them?  
 (a) Prabhodh  
 (b) Prakash  
 (c) Amar  
 (d) Prabhat
39. M is older than R. Q is younger than R and N. N is younger than M. Find who is oldest among the M, N, R and Q ?  
 (a) M                    (b) N  
 (c) R                    (d) Q
40. Among P, Q, R, S and T. S is older than R but smaller than T. Q is only older than P. Find who is youngest them ?  
 (a) Q                    (b) R  
 (c) S                    (d) P
41. J, D, L, H and F are going to station, they reached at different different time. L reached only after J and D reached only before than F. Who reached at third place on station ?  
 (a) F                    (b) L  
 (c) D                    (d) H
42. In seven friends, R is older than P and Q but younger than the M. J is younger than the P but older than Q and K. Find the youngest among them ?  
 (a) Q                    (b) K  
 (c) J                    (d) Data inadequate

- 43.** In Five friends S, K, M, A and R. S is smaller than K but taller than R. M is the tallest. A is smaller than K but taller than S. Which is at third place in five friends ?
- (a) R                                  (b) S  
 (c) K                                    (d) A
- 44.** M, N, P, R and T got different marks in an exam. R gets more than M and T. N gets less than P. Who is at 3<sup>rd</sup> among them ?
- (a) N                                    (b) R  
 (c) M                                    (d) Data inadequate
- 45.** L, M, N, P, Q and S have different length. N is taller than Q and P but smaller than M. P is only taller than Q. S is only smaller than L. Who are the tallest and smallest candidates among them ?
- (a) M, P                                (b) L, Q  
 (c) P, Q                                (d) Cannot be determine
- 46.** There are five friends A, B, C, D and E. B is taller than D who is taller than A. C is taller than B but smaller than E. Find the tallest one ?
- (a) B                                    (b) C  
 (c) D                                    (d) E
- 47.** If Sunita is taller than Anita. Reena is taller than Chitra but smaller than Bhanu. Anita is smaller than Chitra who is taller than Sunita. Find the smallest one ?
- (a) Sunita                              (b) Anita  
 (c) Reena                              (d) Banu
- 48.** Five persons A, B, C, D and E reads News paper. The Earliest candidate gave it to C. One who is the lastest it received from A. E is not the earliest or the lastest person and their are two readers in between B and A. Find the candidate who read the lastest News paper ?
- (a) E                                    (b) B  
 (c) D                                    (d) A
- 49.** Five boys A<sub>1</sub>, A<sub>2</sub>, A<sub>3</sub>, A<sub>4</sub> and A<sub>5</sub> are sitting in a stair. A<sub>1</sub> is above than A<sub>5</sub>, A<sub>2</sub> is below than A<sub>3</sub>, A<sub>1</sub> is below than A<sub>2</sub> and A<sub>3</sub> is above than A<sub>4</sub>. Find the topeset boy in the stair ?
- (a) A<sub>1</sub>  
 (b) A<sub>3</sub>  
 (c) A<sub>5</sub>  
 (d) A<sub>2</sub>
- 50.** A gets more marks than the B but less than C. D gets less than E but more than A. If C gets less marks than the D. Find who gets highest marks ?
- (a) C                                    (b) D  
 (c) E                                    (d) B
- 51.** Five boxes A, B, C, D and E are placed up to down. A is upper than B. C is upper than D but down than E. D is upper than A. Find the middle one ?
- (a) D                                    (b) C  
 (c) B                                    (d) A
- 52.** Five books are set in a row. E is above than A and C is below than B. A is above than B and D is below than C. Find the belowest book in the row ?
- (a) A                                    (b) B  
 (c) C                                    (d) D
- 53.** In five friends Suresh, Kaushal, Madhur, Amit and Ramesh. Suresh is younger than Kaushal but elder than Ramesh. Madhur is the eldest among them. Amit is younger than Kaushal but elder than Suresh. Who is youngest among them ?
- (a) Amit  
 (b) Madhur  
 (c) Ramesh  
 (d) Kaushal
- 54.** K is more is beautiful than B who is beautiful than Y. J is less beautiful than B and Y. Who is least beautiful among them ?
- (a) Y                                    (b) K  
 (c) B                                    (d) J

55. Ashok is heavier than Gopal, Mahesh is lighter than Jayesh, Prashant is heavier than Jayesh but lighter than Gopal. Who among them is heaviest?
- (a) Gopal  
(b) Ashok  
(c) Prashant  
(d) Mahesh
56. Amrit is seventeenth from left and Sumit is fourteenth from right in the row of 50 students and Dinesh is sitting just exactly in between them. Then what will be Dinesh's position from right end?
- (a) 24  
(b) 19  
(c) 18  
(d) 15



**ANSWER KEY**

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. Ans. (b)  | 15. Ans. (a) | 29. Ans. (a) | 43. Ans. (d) |
| 2. Ans. (c)  | 16. Ans. (c) | 30. Ans. (b) | 44. Ans. (d) |
| 3. Ans. (b)  | 17. Ans. (a) | 31. Ans. (a) | 45. Ans. (b) |
| 4. Ans. (c)  | 18. Ans. (b) | 32. Ans. (d) | 46. Ans. (d) |
| 5. Ans. (c)  | 19. Ans. (a) | 33. Ans. (a) | 47. Ans. (b) |
| 6. Ans. (d)  | 20. Ans. (a) | 34. Ans. (b) | 48. Ans. (c) |
| 7. Ans. (a)  | 21. Ans. (b) | 35. Ans. (c) | 49. Ans. (b) |
| 8. Ans. (d)  | 22. Ans. (d) | 36. Ans. (b) | 50. Ans. (c) |
| 9. Ans. (a)  | 23. Ans. (a) | 37. Ans. (a) | 51. Ans. (a) |
| 10. Ans. (c) | 24. Ans. (c) | 38. Ans. (d) | 52. Ans. (d) |
| 11. Ans. (d) | 25. Ans. (a) | 39. Ans. (a) | 53. Ans. (c) |
| 12. Ans. (b) | 26. Ans. (a) | 40. Ans. (d) | 54. Ans. (d) |
| 13. Ans. (a) | 27. Ans. (d) | 41. Ans. (d) | 55. Ans. (b) |
| 14. Ans. (a) | 28. Ans. (b) | 42. Ans. (d) | 56. Ans. (a) |

## ALPHABET TEST

## OBJECTIVE QUESTIONS

1. How many such pairs of letters are there in the word "JAIPUR", which have as many letters between them in the word as in the English alphabet?
- (a) One                          (b) Two  
 (c) Three                        (d) Four
2. How many such pairs of letters are there in the word "BEHAVIOUR", which have as many letters between them in the word as in the English alphabet?
- (a) One                           (b) None  
 (c) Two                           (d) Three
3. How many such pairs of letters are there in the word "COUNTERACT", which have as many letters between them in the word as in the English alphabet?
- (a) Two                           (b) One  
 (c) Three                        (d) More than three
4. How many such pairs of letters are there in the word "ENGLISH", which have as many letters between them in the word as in the English alphabet?
- (a) More than three            (b) One  
 (c) Two                           (d) Three
5. How many such pairs of letters are there in the word "CONSTABLE", which have as many letters between them in the word as in the English alphabet?
- (a) None                        (b) One  
 (c) Two                           (d) Three
6. How many such pairs of letters are there in the word "CHRONICLE", which have as many letters between them in the word as in the English alphabet?
- (a) None                        (b) One  
 (c) Two                           (d) Three
7. How many such pairs of letters are there in the word "INDUSTRY", which have as many letters between them in the word as in the English alphabet?
- (a) None                        (b) One  
 (c) Two                           (d) Three
8. How many such pairs of letters are here in the word "ORGANISED", which have as many letters between them in the word as in the English alphabet?
- (a) None                        (b) One  
 (c) Two                           (d) Three
9. If the letters of the word "DANGEROUS" are exchanged, like consonants by preceded & vowels by followed letters in english alphabet, then which of the following letter will be the third from left after exchanging the letters?
- (a) B                            (b) O  
 (c) M                           (d) L
10. If the letters of the word "TEMPORAL" are exchanged, like consonants by preceded & vowels by followed letters in english alphabet, then which of the following letter will be the fourth from right after exchange?
- (a) F                            (b) P  
 (c) L                            (d) K
11. If the all vowels in the word "CAVENDISH" are rearranged in the alphabetical order first and then all consonants are arrange alphabetically, which of the following letter is 3<sup>rd</sup> right of 6<sup>th</sup> right end?
- (a) I                            (b) D  
 (c) N                           (d) V
12. If the letters in the word "CENTRIFUGAL" are rearranged in alphabetical order, which one will be 3<sup>rd</sup> right of 7<sup>th</sup> right end?
- (a) V                            (b) N  
 (c) C                           (d) I

13. If all the letters in the word "BOARDING" are arranged in alphabetical order and then vowel are replaced by followed one and consonants are by preceded one in english alphabet. Find which is 3<sup>rd</sup> letter from left end?
- (a) M                      (b) C  
 (c) F                      (d) B
14. If the position of the 1<sup>st</sup> and the 6<sup>th</sup> letters in the word "PHOTOGRAPH" are interchanged, similarly the positions of the 2<sup>nd</sup> and 7<sup>th</sup> letters are interchanged and so on. Then which will be 4<sup>th</sup> letter from right end?
- (a) H                      (b) P  
 (c) O                      (d) T
15. If the position of 1<sup>st</sup> and 9<sup>th</sup> letters in the word "OBSERVANT" are interchanged, similarly the positions of the 2<sup>nd</sup> and 8<sup>th</sup> letters are interchanged and so on, then what will be new arrangement of letters after interchanged?
- (a) TNAVERSBO    (b) TNAVRESBO  
 (c) NTAVERSBO    (d) VANTRESBO
16. Which letter will be 8<sup>th</sup> to the left of 13<sup>th</sup> letter from left end of the english alphabet?
- (a) F                      (b) H  
 (c) G                      (d) E
17. Which letter will be 10<sup>th</sup> to the right of 15<sup>th</sup> letter from right end of the english alphabet?
- (a) S                      (b) T  
 (c) V                      (d) U
18. Which letter will be 9<sup>th</sup> to the left of 7<sup>th</sup> letter from right end of the english alphabet?
- (a) L                      (b) K  
 (c) N                      (d) H
19. If the order of the english alphabet is reversed, then which letter will be the 6<sup>th</sup> left from the 3<sup>rd</sup> right end?
- (a) H                      (b) N  
 (c) S                      (d) I
20. If 1<sup>st</sup> half of the english alphabet is written in the reverse order, then which letters will be 9<sup>th</sup> to the left of 18<sup>th</sup> letter from the left?
- (a) H                      (b) E  
 (c) G                      (d) L
21. If the 2<sup>nd</sup> half of english alphabet is written in the reverse order, then which letter will be 8<sup>th</sup> to the right of 7<sup>th</sup> letter from the left?
- (a) Y                      (b) X  
 (c) W                      (d) V
22. Which letter is midway between 5<sup>th</sup> letter from left and 8<sup>th</sup> letter from right end of english alphabet?
- (a) K                      (b) L  
 (c) M                      (d) N
23. If every alternate letter starting from 'B' is deleted from the alphabet then which of the following letter will be 4<sup>th</sup> right of 3<sup>rd</sup> letter from left end of alphabet?
- (a) N                      (b) L  
 (c) M                      (d) H
24. If every alternate letters starting from 'A' is replaced by 1,3,5.... so on, then which of the following letter is replaced by 17<sup>th</sup> number?
- (a) R                      (b) H  
 (c) Q                      (d) S

*Direction : 25 to 28*

*Arrange the given words in alphabetical order and tick the one that comes at the first place.*

25. (a) Affirm              (b) Affiliate  
 (c) Affray                (d) Affront  
 (e) Affuse
26. (a) Admire              (b) Adopt  
 (c) Administer           (d) Adorable  
 (e) Adown
27. (a) Autonomy           (b) Autopsy  
 (c) Autumn               (d) Avail  
 (e) Avenge

28. (a) Badminton      (b) Badger  
       (c) Baggage        (d) Bailey  
       (e) Bairn

**Direction : 29 to 33**

Arrange the given words in alphabetical order and tick the one that comes at the third place.

29. (a) Black            (b) Blade  
       (c) Blame           (d) Bland  
       (e) Blare
30. (a) Cocaine        (b) Cobra  
       (c) Coax           (d) Cock  
       (e) Coin
31. (a) Demure        (b) Demoralize  
       (c) Demonstrator (d) Demon  
       (e) Den
32. (a) Flavour       (b) Flash  
       (c) Flaw           (d) Flea  
       (e) Fleece
33. (a) Invade        (b) Intuition  
       (c) Introduction (d) Invalid  
       (e) Invariable

34. Which of the following word can be formed by using the letters of word "NEWSPAPER". Find that word?  
       (a) SWEET           (b) REPEAT  
       (c) SOUR           (d) WASP

35. Which of the following word can be formed by using the letters of word 'CLASSIFICATION'.?  
       (a) FICTION        (b) ACTIVATE  
       (c) NATION        (d) PITITION

36. Which of the following word can be formed by using the letters of word 'COMPASSIONATE'.?  
       (a) COMPANY       (b) SATIATE  
       (c) CAPTION       (d) COMPARE

37. Which of the following word cannot be formed by using the letters of word 'SEGREGATION'.?  
       (a) AGREE           (b) RATION  
       (c) SEE             (d) SECRET

38. Which of the following word cannot be formed by using the letters of word 'COMMENTATOR'.  
       (a) COMMON        (b) MOMENT  
       (c) COSMOS       (d) TART

39. Which of the following word cannot be formed by using the letters of word 'DISSEMINATION'.  
       (a) INDIA           (b) NATIONS  
       (c) MENTION       (d) ACTION

**Direction : 40 to 42**

From the given alternative words, select the words which cannot be formed using the letters of the given word.

40. INCONVENIENCE  
       (a) CONVENE       (b) CONVIENCE  
       (c) CONSCIENCE    (d) CONCEIVE
41. DISTRIBUTION  
       (a) SITUATION     (b) TRUST  
       (c) DISTURB       (d) TUITION
42. SUPERINTENDENT  
       (a) DOCTOR       (b) DENTIST  
       (c) NURSE          (d) INTENSE

**Direction : 43 & 44**

Arrange the following words as per order in the dictionary.

43. 1. Consume        2. Consciousness  
       3. Conscience      4. Conservation  
       5. Consequence  
       (a) 3, 2, 1, 5, 4    (b) 3, 2, 5, 4, 1  
       (c) 3, 5, 2, 4, 1    (d) 3, 1, 2, 5, 4

44. 1. Convince       2. Converge  
       3. Convenience    4. Convalesce  
       5. Converse  
       (a) 4, 3, 2, 1, 5    (b) 4, 2, 5, 3, 1  
       (c) 4, 3, 2, 5, 1    (d) 1, 4, 3, 2, 5

45. Which one of the following response would be in order of the size ?  
       1. Elephant       2. Cat  
       3. Mosquito       4. Tiger  
       5. Whale

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- (a) 1, 3, 5, 4, 2      (b) 2, 5, 1, 4, 3  
(c) 3, 2, 4, 1, 5      (d) 5, 3, 1, 2, 4

**47.** 1. Branches

3. Trunk

5. Flower

2. Root

4. Leaf

**Direction : 46 to 48**

Which one of the given responses would be a proper sequence of the following words ?

- 46.** 1. Village      2. State  
3. Nation      4. District  
(a) 1, 2, 4, 3      (b) 1, 4, 2, 3  
(c) 2, 3, 1, 4      (d) 4, 2, 3, 1

**48.** 1. Adulthood

3. Childhood

(a) 4, 3, 2, 1

(c) 4, 1, 2, 3

(b) 2, 3, 1, 4, 5

(d) 4, 3, 1, 2, 5

2. Babyhood

4. Infancy

(b) 4, 2, 3, 1

(d) 4, 3, 1, 2

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**ANSWER KEY**

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. Ans. (a)  | 13. Ans. (b) | 25. Ans. (b) | 37. Ans. (d) |
| 2. Ans. (c)  | 14. Ans. (a) | 26. Ans. (c) | 38. Ans. (c) |
| 3. Ans. (a)  | 15. Ans. (b) | 27. Ans. (a) | 39. Ans. (d) |
| 4. Ans. (a)  | 16. Ans. (d) | 28. Ans. (b) | 40. Ans. (c) |
| 5. Ans. (d)  | 17. Ans. (c) | 29. Ans. (c) | 41. Ans. (a) |
| 6. Ans. (d)  | 18. Ans. (b) | 30. Ans. (a) | 42. Ans. (a) |
| 7. Ans. (d)  | 19. Ans. (d) | 31. Ans. (b) | 43. Ans. (b) |
| 8. Ans. (c)  | 20. Ans. (b) | 32. Ans. (c) | 44. Ans. (c) |
| 9. Ans. (c)  | 21. Ans. (a) | 33. Ans. (a) | 45. Ans. (c) |
| 10. Ans. (b) | 22. Ans. (b) | 34. Ans. (d) | 46. Ans. (b) |
| 11. Ans. (c) | 23. Ans. (c) | 35. Ans. (a) | 47. Ans. (b) |
| 12. Ans. (b) | 24. Ans. (c) | 36. Ans. (c) | 48. Ans. (b) |

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**ENGINEERS ACADEMY**Abhishek  
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**CHAPTER****4****OBJECTIVE QUESTIONS**

- 1.** If 'WORK' is coded as '4567', 'MAN' is coded as '328', then how is 'WOMAN' written in the same language?  
 (a) 45382      (b) 56723  
 (c) 45328      (d) None of these
- 2.** If in a certain code 'Education' is written as 365798214 then how 'Conduct' can be written?  
 (a) 1458776      (b) 7146578  
 (c) 6547871      (d) 6485767
- 3.** In a code language TRAINS is written as RTAISN, then how is PISTOL written in the same language?  
 (a) IPTSLO      (b) IPSTLO  
 (c) PITSLLO      (d) None of these
- 4.** If 'BOX' is coded as 'CDPQYZ', then how is 'HERO' is coded ?  
 (a) IJFGSTPQ      (b) JISTFGPQ  
 (c) FGIJSTPQ      (d) None of these
- 5.** If 'RAM'= 32, then 'MAN'=?  
 (a) 28      (b) 30  
 (c) 31      (d) 26
- 6.** If 'Z'= 52, 'ACT'= 48, then 'BAT'=?  
 (a) 39      (b) 41  
 (c) 44      (d) 46
- 7.** If 'BAD'= 5 - 4 - 7, then 'DARK'=?  
 (a) 7 - 4 - 20 - 14      (b) 7 - 4 - 21 - 3  
 (c) 7 - 4 - 21 - 14      (d) 7 - 4 - 20 - 13
- 8.** If 'BOY'= 51, 'GIRL'= 58 then 'WOMAN'=?  
 (a) 44      (b) 66  
 (c) 75      (d) 81
- 9.** If 'E'= 5, 'HOTEL'= 60 then 'LAMB'=?  
 (a) 28      (b) 56  
 (c) 32      (d) 44
- 10.** If 'LONG'= 3, 'NOT'= 4 then 'NAME'=?  
 (a) 3      (b) 4  
 (c) 5      (d) 6
- 11.** If 'PLAY' is coded as '7317' then 'LOSS'=?  
 (a) 3611      (b) 12151919  
 (c) 121511      (d) 361919
- 12.** If 'GO'= 32, 'SHE'= 49 then 'SOME'= ?  
 (a) 52      (b) 56  
 (c) 58      (d) 64
- 13.** If 'RAILWAY'= 18191223125 then 'EXAM'=?  
 (a) 521431      (b) 521413  
 (c) 524113      (d) 254113
- 14.** If 'RIVER'= 1238 then 'SLEEP'= ?  
 (a) 118      (b) 811  
 (c) 18234      (d) Cannot determine
- 15.** If 'BUILDING' is coded as 'ZNICALCDQ', 'REPEAT' is coded as 'EGSGMV', then how is 'DINE' written in the same language?  
 (a) LDCG      (b) LCDG  
 (c) LDGC      (d) LCGD
- 16.** In a code language 'SIR' is written as 'PSPIPR', then how is 'MAN' written in the same language?  
 (a) PMANP      (b) PMPAPN  
 (c) NANP      (d) MPANP
- 17.** In a code language 'RECOMMENDATION' is written as 'COMMENDATIONER', then how is 'REMUNERATION' written in the same language?  
 (a) NOITARENUMER  
 (b) RMNRTONIAEUE  
 (c) MUNERATIONER  
 (d) TIONREMUNER

18. In a certain code, 'A + B' = C, 'D - C' = A, 'E - B' = C. How is 'D + F' written in that code?  
 (a) J (b) A  
 (c) C (d) Q
19. If 123 is coded as 36; 225 is coded as 81, how will 331 be written in that code?  
 (a) 71 (b) 153  
 (c) 49 (d) 81
20. If  $44 + 12 = 30$ ,  $77 + 14 = 61$ ,  $84 + 16 = 66$  then what should be for following:  $44 + 22 = ?$   
 (a) 20 (b) 32  
 (c) 24 (d) 28
21. In a certain code, TENT is written as 07 - 22 - 13 - 07, COT is written as 24 - 12 - 07. How is CAMEL written in the same language?  
 (a) 24 - 26 - 24 - 05 - 15  
 (b) 24 - 26 - 13 - 22 - 15  
 (c) 24 - 26 - 14 - 22 - 15  
 (d) None of these
22. If 'MACHINE' = '19 - 7 - 9 - 14 - 15 - 20 - 11' then 'DANGER' = ?  
 (a) 4 - 7 - 20 - 13 - 11 - 24  
 (b) 10 - 1 - 20 - 13 - 11 - 24  
 (c) 10 - 7 - 20 - 13 - 11 - 24  
 (d) None of these
23. In a certain code, 'MISTAKE' is written as '9765412' and 'NAKED' is written as '84123'. How is 'INTIMATE' written in that code?  
 (a) 89786145 (b) 78579452  
 (c) 79438163 (d) 78698365
24. In a certain code letters are coded like below then NOSER is coded by?  
 S B C P N E O H R H  
 0 9 3 7 1 6 4 8 5 2  
 (a) 67859 (b) 14065  
 (c) 14056 (d) 14506
25. In a certain code, 0 to 9 is coded like below then  $67890 + 54321 = ?$
- |          |            |    |          |   |   |   |   |   |              |
|----------|------------|----|----------|---|---|---|---|---|--------------|
| 0        | 1          | 2  | 3        | 4 | 5 | 6 | 7 | 8 | 9            |
| $\oplus$ | $\uparrow$ | \$ | $\Delta$ | # | * | ? | ! | + | $\downarrow$ |
- (a) \$  $\uparrow$  \$\$  $\uparrow\uparrow$  (b)  $\uparrow$  \$\$\$  $\uparrow\downarrow$   
 (c)  $\uparrow$  \$\$\$  $\downarrow\uparrow$  (d)  $\uparrow$  \$\$\$  $\uparrow\uparrow$
26. If ROSE is coded by 6821, CHAIR is coded by 73456 and PREACH is coded by 961473 then 'SEARCH' is coded by?  
 (a) 246173 (b) 214673  
 (c) 214763 (d) 216473
27. If 'MAP' = 25 and 'MAT' = 29 then 'LAMP' = ?  
 (a) 27 (b) 36  
 (c) 37 (d) 45
28. If M = 10 and MAN = 25 then POT = ?  
 (a) 51 (b) 48  
 (c) 44 (d) 47
29. If GOD = 6 - 8 - 14 - 16 - 3 - 5 then BEN = ?  
 (a) 1 - 3 - 4 - 6 - 13 - 15  
 (b) 1 - 2 - 4 - 6 - 13 - 15  
 (c) 1 - 3 - 4 - 5 - 13 - 15  
 (d) 1 - 3 - 4 - 6 - 14 - 15
30. If O = 16, FOR = 42, then what is the code of FRONT = ?  
 (a) 78 (b) 73  
 (c) 65 (d) 61
31. In a code language, RATLAM is coded 2, then how is PADMINI written in that language?  
 (a) 4 (b) 3  
 (c) 5 (d) 6
32. In a code language, RADIO is coded SBEJP, then how is TELEVISION written in that language?  
 (a) UFMFWTJOPJ (b) UFMFWJTJPO  
 (c) MUFFWJDJPO (d) None of these

33. If HENERY is written as 'jgpgta', then how would COUNTRY be written in the same code ?  
 (a) eqwpata      (b) eqwvpte  
 (c) cqwpvta      (d) cqwvpta
34. If MONKEY is written as XDJMNL, then how would TIGER be written in the same code ?  
 (a) SHFDQ      (b) QDFHS  
 (c) SDFHS      (d) QDHJS
35. In a code language, TAJMAHAL is coded RYHKFYJ, then how is QUTABMINAR written in that language?  
 (a) RVUVCNJOBS      (b) OSRSZKGLYP  
 (c) OSRSCKJLBP      (d) OSRYZKGLYP
36. In a code language, TEACHER is coded BFUDSFI, then how is STUDENT written in that language?  
 (a) VUTEUOF      (b) VUTDUOF  
 (c) VUTDUFO      (d) UDEUPE
37. In a code language, PRONOUN is coded SURQRXQ, then how is SCENERY written in that language?  
 (a) VEHHQSB      (b) UVFHQHU  
 (c) VEHQHTB      (d) VFHQHUB
38. If NOIDA is written as STNIF, then how would MEERUT be written in the same code ?  
 (a) QIIVYX      (b) RJJWZV  
 (c) RJJWZY      (d) RIIVYX
39. If SAND is written as VDQQ, BIRD is written as ELUG then how would LOVE be written in the same code ?  
 (a) PRYG      (b) ORTG  
 (c) ORYH      (d) NPOH
40. In a code language, FORGET is coded DPPHCU, then how is DOCTOR written in that language?  
 (a) BPAUMS      (b) BPAUPS  
 (c) EMDRPP      (d) BPARPP
41. In a code language, MUSCOVITE is coded KSQEIQXGRC, then how is PENTHOUSE written in that language?  
 (a) NCLVJQSQD      (b) NCLVIQSQC  
 (c) NCLVJQRQC      (d) NCLVJQSQC
42. In a code language, FINE is coded HGPC, then how is SLIP written in that language?  
 (a) UKJN      (b) KJNU  
 (c) UJKN      (d) None of these
43. If LOCK = MPBJ and BLOW = CMNV, then WINE = ?  
 (a) XJMD      (b) JMXD  
 (c) DMJX      (d) None of these
44. In a code language, KANCHO is coded LYQYMI, then how is DILBAR written in that language?  
 (a) EOGFXL      (b) EGOXFL  
 (c) EFOXGL      (d) None of these
45. If RAKESH = IZPVHS, then MANUAL = ?  
 (a) NZFMOZ      (b) NZMFZO  
 (c) ZNFMOZ      (d) None of these
46. In a code language, PARENTS is coded RCTGPVU, then how is EJKNFTGP written in that language?  
 (a) CHILDERN      (b) CHLIDREN  
 (c) CHILDREN      (d) CIHLDRN
47. If JAPAN is coded as KCSES, then code JPGMF will be written for which word?  
 (a) INIDA      (b) INDAI  
 (c) NIDIA      (d) INDIA
48. If DROWN = MXNSC then BREAK = ?  
 (a) JBADS      (b) JBDSA  
 (c) JSABD      (d) None of these
49. If COMPUTER is coded as RFUVQNPC, how will MEDICINE be written in that code?  
 (a) EMJDJEFM      (b) EOJDJEFM  
 (c) FOJDJEFM      (d) None of these
50. In a code language, ORIENTAL is coded DHQNMBUO, then how is SCHOoled written in that language?  
 (a) RBNFEMPF      (b) NGBREFMP  
 (c) GBRFMEPS      (d) None of these

51. If CONTRIBUTE is coded as ETBUIRNTOC, what will be 6<sup>th</sup> left letter of POPULARISE in that code language?  
 (a) L                    (b) A  
 (c) I                    (d) R
52. If DISARMAMENT is coded as RASIDMTNEMA, how will PSYCHOMETRY be written in that code ?  
 (a) HCYSPOYRTEM  
 (b) HSYCPOYMTER  
 (c) HEYSROYPTCM  
 (d) None of these
53. In a code language, SATELLITE is coded FUBTLDHK, then how is LAUNCHING written in that language?  
 (a) OVBMCFMHG (b) OVBMMC FHG  
 (c) OVBMMCFGH (d) OVBMMC FHG  
 (e) None of these
54. If LIGHT is DARK, DARK is GREEN, GREEN is BLUE, BLUE is RED, RED is WHITE and WHITE is YELLOW. What would be the colour of human blood?  
 (a) RED                (b) DARK  
 (c) WHITE              (d) YELLOW  
 (e) None of these
55. If WATER is BLACK, BLACK is TREE, TREE is BLUE, BLUE is RAIN, RAIN is PINK and PINK is FISH. What would be the colour of sky?  
 (a) BLUE               (b) FISH  
 (c) RAIN               (d) PINK  
 (e) None of these
56. If CLOUD is WHITE, WHITE is RAIN, RAIN is GREEN, GREEN is AIR, AIR is BLUE and BLUE is WATER, then where do the birds fly?  
 (a) AIR                (b) CLOUD  
 (c) WHITE              (d) RAIN  
 (e) None of these
57. If RED is GREEN, GREEN is YELLOW, YELLOW is ORANGE, ORANGE is PINK, PINK is BLUE, BLUE is WHITE, WHITE is BLACK. What would be the colour of ROSE plant leaf?  
 (a) BLUE               (b) YELLOW  
 (c) GREEN              (d) RED  
 (e) None of these
58. If THIEF is POLICE, POLICE is ROBBER, ROBBER is JUDGE, JUDGE is PREDATOR, PREDATOR is LAWYER, LAWYER is TEACHER. Who will be give judgement in court?  
 (a) LAWYER            (b) PREDATOR  
 (c) POLICE            (d) Cannot be determine
59. If HARYANA is PUNJAB, PUNJAB is KASHMIR, KASHMIR is GOLD, GOLD is BIHAR, BIHAR is DELHI, DELHI is RAJASTHAN, RAJASTHAN is SIKKIM then, PATNA will be capital of which state?  
 (a) HARYANA           (b) BIHAR  
 (c) DELHI              (d) PUNJAB  
 (e) Cannot be determine
60. If MUMBAI is JAIPUR, JAIPUR is DELHI, DELHI is LUCKNOW. What is the capital of India?  
 (a) JAIPUR            (b) DELHI  
 (c) LUCKNOW           (d) Cannot be determine  
 (e) None of these
61. If BLACK is WHITE, WHITE is RED, RED is YELLOW, YELLOW is BLUE, BLUE is GREEN, GREEN is VIOLET, VIOLET is ORANGE. What would be the colour of sky?  
 (a) Blue               (b) White  
 (c) Green              (d) Black
62. In a code language, ORANGE IS RED is coded MIT JU PUS, RED AND BLACK is coded JU SA TUM, WHAT IS WHITE is coded MA PUS NUM, then how is ORANGE written in that language?  
 (a) Ma                (b) Mit  
 (c) Sa / Tum          (d) Cannot be determine  
 (e) None of these

- 63.** In a code language, BOOKS ARE OLD is coded 253, MAN IS OLD is coded 546, BUY GOOD BOOKS is coded 378, then how is ARE written in that language?
- 5
  - 3
  - 8
  - Cannot be determine
  - None of these
- 64.** In a code language, GREEN AND TASTY is coded TIR ME SAE, TOMATO IS GREEN is coded DIC SAE FOR, FOOD IS TASTY is coded TOC TIR FOR then how is TOMATO IS TASTY written in that language?
- Tir Me Sae
  - Dic For Tir
  - For Sac Dic
  - Data inadequate
- 65.** In a code language, GO HOME is coded TA NA, SWEET HOME is coded NA JA, SWEET AND SOUR is coded PA SA JA, then how is SOUR written in that language?
- pa / sa
  - ta / na
  - ja / ta
  - None of these
- 66.** In a code language, 'hot filtered coffee' is coded 123, 'very hot day' is coded 356, 'day and night' is coded 589, then how is 'very' written in that language?
- 6
  - 5
  - 2
  - 3
  - None of these
- 67.** If 'Keep Your Luggage' is coded as 'pa ka ra', 'Keep Your Belongings' is coded as 'ra fa ka', how will 'keep' be written in that code?
- Ka
  - fa
  - Ra
  - Data inadequate
- 68.** If 'You Could Go There' is coded as 'la na pa da', 'Could You Go Back' is coded as 'na ta da la', how will 'back' be written in that code?
- na
  - ta
  - na / ta
  - None of these
- 69.** If 'Are You Coming Home' is coded as 'ka na Ja ta', 'Home Made Food' is coded as 'sa ja da' and 'Eat Good Food' is coded as 'ba ma da' then how will 'made' be written in that code?
- sa
  - ja
  - da
  - None of these
- 70.** In a certain code language if the word 'RHOMBUS' is coded as TJQODWU, then how is the word 'RECTANGLE' in that language?
- TGEVCPING
  - TGEVCPIMG
  - TGFWEPING
  - TGEWDPING
- 71.** In the following codes of alphabets are given A represent by 1, B represent by 2, and so on , In the same way Z represent by 26.
- In the following question a group of 3 words are given and there codes are available in columns (a) (b) (c) and (d) so from the question and codes and the given columns.
- How word GPY code represent in which columns.*
- | (a) |    | (b) |    |    | (c) |    |    | (D) |    |    |    |
|-----|----|-----|----|----|-----|----|----|-----|----|----|----|
| 25  | 10 | 1   | 19 | 14 | 11  | 8  | 23 | 14  | 17 | 19 | 21 |
| 12  | 25 | 3   | 17 | 5  | 20  | 15 | 10 | 25  | 19 | 9  | 19 |
| 15  | 4  | 4   | 3  | 15 | 16  | 14 | 9  | 21  | 20 | 16 | 1  |
| 10  | 9  | 21  | 11 | 20 | 11  | 7  | 16 | 25  | 9  | 26 | 25 |
| 22  | 18 | 1   | 19 | 17 | 22  | 21 | 25 | 26  | 5  | 6  | 26 |
| 16  | 18 | 26  | 26 | 23 | 2   | 26 | 21 | 25  | 21 | 16 | 13 |
- Direction : 72 to 76**
- In each of the following questions, a word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in the two given matrices. The columns and rows of Matrix I are numbered from 0 to 4, and those of Matrix II from 5 to 9. A letter from these matrices can be represented first by its row and then the column number e.g. B can be represented by 14, 21, etc; E can be represented by 20, 33, etc. Similarly you have to identify the correct set for the word given in each question.*

**Direction : 77 to 80**

Matrix-1					Matrix-2					
	0	1	2	3	4	5	6	7	8	9
0	B	D	E	T	O	M	U	I	L	R
1	D	E	T	O	B	U	L	M	R	I
2	E	B	O	D	T	I	M	R	U	L
3	T	O	B	E	D	L	R	U	I	M
4	O	T	D	B	E	R	I	L	M	U

72. RUDE  
 (a) 56, 65, 10, 33      (b) 59, 99, 34, 11  
 (c) 77, 65, 02, 01      (d) 95, 87, 42, 12
73. TRUE  
 (a) 24, 77, 56, 03      (b) 41, 86, 99, 23  
 (c) 30, 95, 87, 20      (d) 03, 58, 78, 11
74. LIME  
 (a) 58, 69, 76, 03      (b) 79, 88, 98, 10  
 (c) 97, 75, 56, 33      (d) 66, 96, 89, 02
75. Class numbers 43, 96, 30, 11  
 (a) DIRE                  (b) BILE  
 (c) BIDE                  (d) BITE
76. Class numbers 86, 75, 34, 02  
 (a) RIDE                  (b) RUDE  
 (c) LIER                  (d) RULE

In each of the following questions, a word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in the two given matrices. The columns and rows of Matrix I are numbered from 0 to 4, and those of Matrix II from 5 to 9. A letter from these matrices can be represented first by its row and then the column number e.g. M can be represented by 14, 21, etc; O can be represented by 20, 32, etc. Similarly you have to identify the correct set for the word given in each question.

Matrix-I					Matrix-II					
	0	1	2	3	4	5	6	7	8	9
0	F	O	M	S	R	A	T	D	I	P
1	S	R	F	O	M	I	P	A	T	D
2	O	M	S	R	F	T	D	I	P	A
3	R	F	O	M	S	P	A	T	D	I
4	M	S	R	F	O	D	I	P	A	T

77. FOAM  
 (a) 24, 01, 55, 22      (b) 43, 32, 56, 33  
 (c) 12, 13, 67, 23      (d) 00, 01, 67, 33
78. STOP  
 (a) 10, 56, 44, 97      (b) 41, 68, 01, 77  
 (c) 22, 75, 32, 86      (d) 33, 99, 42, 59
79. MOST  
 (a) 02, 31, 34, 75      (b) 33, 44, 22, 99  
 (c) 41, 01, 42, 68      (d) 21, 32, 33, 98
80. ROAD  
 (a) 42, 32, 79, 58      (b) 23, 32, 98, 99  
 (c) 11, 13, 67, 69      (d) 04, 20, 55, 78

○○○

Abhishek  
 Kumar  
 919654692273

**ANSWER KEY**

1. Ans. (c)	21. Ans. (c)	41. Ans. (d)	61. Ans. (c)
2. Ans. (b)	22. Ans. (c)	42. Ans. (c)	62. Ans. (b)
3. Ans. (b)	23. Ans. (b)	43. Ans. (a)	63. Ans. (e)
4. Ans. (a)	24. Ans. (b)	44. Ans. (b)	64. Ans. (b)
5. Ans. (a)	25. Ans. (d)	45. Ans. (b)	65. Ans. (a)
6. Ans. (d)	26. Ans. (b)	46. Ans. (c)	66. Ans. (a)
7. Ans. (c)	27. Ans. (c)	47. Ans. (d)	67. Ans. (d)
8. Ans. (d)	28. Ans. (b)	48. Ans. (b)	68. Ans. (b)
9. Ans. (a)	29. Ans. (a)	49. Ans. (b)	69. Ans. (a)
10. Ans. (d)	30. Ans. (a)	50. Ans. (b)	70. Ans. (a)
11. Ans. (a)	31. Ans. (b)	51. Ans. (a)	71. Ans. (c)
12. Ans. (b)	32. Ans. (b)	52. Ans. (a)	72. Ans. (b)
13. Ans. (c)	33. Ans. (c)	53. Ans. (a)	73. Ans. (c)
14. Ans. (b)	34. Ans. (b)	54. Ans. (c)	74. Ans. (d)
15. Ans. (b)	35. Ans. (d)	55. Ans. (c)	75. Ans. (d)
16. Ans. (b)	36. Ans. (a)	56. Ans. (e)	76. Ans. (a)
17. Ans. (c)	37. Ans. (d)	57. Ans. (b)	77. Ans. (d)
18. Ans. (a)	38. Ans. (c)	58. Ans. (b)	78. Ans. (a)
19. Ans. (c)	39. Ans. (c)	59. Ans. (c)	79. Ans. (b)
20. Ans. (a)	40. Ans. (a)	60. Ans. (c)	80. Ans. (c)

**CHAPTER****5****OBJECTIVE QUESTIONS****Direction : 1 to 50**

In each of the following questions, a number series is given with one question mark. Choose the alternative that will continue the same pattern and replace the question mark in the given series.

1. 6, ?, 15, 27, 51, 99  
 (a) 10    (b) 9  
 (c) 11    (d) 12  
 (e) None of these
2. 15, 17, 20, 22, 27, 29, ?, ?  
 (a) 31,    (b) 36, 38  
 (c) 36, 43    (d) 38, 45  
 (e) None of these
3. 14, 21, 30, 41, 54, ?  
 (a) 61    (b) 73  
 (c) 69    (d) 70  
 (e) None of these
4. 2, 5, 10, ?, 26  
 (a) 19    (b) 21  
 (c) 17    (d) 25  
 (e) None of these
5. 17, 14, 15, 12, 13, ?, ?  
 (a) 10, 11    (b) 14, 11  
 (c) 11, 13    (d) 12, 15  
 (e) None of these
6. 3, 4, 7, 11, 18, 29, ?  
 (a) 31    (b) 39  
 (c) 43    (d) 47  
 (e) None of these
7. 975, 864, 753, 642, ?  
 (a) 431    (b) 314  
 (c) 531    (d) 532  
 (e) None of these
8. 8, 24, 12, ?, 18, 54  
 (a) 28    (b) 36  
 (c) 46    (d) 38  
 (e) None of these
9. 2, 5, 8, 11, 14, ?  
 (a) 17    (b) 16  
 (c) 15    (d) 18  
 (e) None of these
10. 113, 225, 449, ?, 1793  
 (a) 897    (b) 789  
 (c) 987    (d) 978  
 (e) None of these
11. 36, 28, 24, 22, ?  
 (a) 18    (b) 19  
 (c) 21    (d) 22  
 (e) None of these
12. 7, 9, 13, 21, 37, ?  
 (a) 58    (b) 63  
 (c) 69    (d) 72  
 (e) None of these
13. 27, 32, 30, 35, 33, ?  
 (a) 28    (b) 31  
 (c) 36    (d) 38  
 (e) None of these
14. 230, 246, 271, 307, ?  
 (a) 412    (b) 356  
 (c) 518    (d) 612  
 (e) None of these
15. 97, 86, 99, 88, 101, ?, ?  
 (a) 88, 99    (b) 90, 103  
 (c) 121, 108    (d) 114, 103  
 (e) None of these

16.  $0, 4, 18, 48, ?, 180$   
 (a) 58                    (b) 68  
 (c) 84                    (d) 100  
 (e) None of these
17.  $71, 59, 48, 38, 29, ?$   
 (a) 18                    (b) 21  
 (c) 20                    (d) 12  
 (e) None of these
18.  $5, 8, 13, ?, 34, 55, 89$   
 (a) 20                    (b) 21  
 (c) 23                    (d) 29  
 (e) None of these
19.  $11, 121, 1331, ?$   
 (a) 1441                (b) 14411  
 (c) 14441               (d) 14641  
 (e) None of these
20.  $3, 5, 9, 15, 23, 33, 45, 59, ?$   
 (a) 60                    (b) 81  
 (c) 72                    (d) 75  
 (e) None of these
21.  $0, 9, 18, 27, 36, ?, 54$   
 (a) 45                    (b) 43  
 (c) 42                    (d) 44  
 (e) None of these
22.  $8, 27, 64, ?, 216$   
 (a) 96                    (b) 89  
 (c) 125                   (d) 148  
 (e) None of these
23.  $\frac{4}{9}, \frac{9}{20}, ?, \frac{39}{86}, \frac{79}{174}$   
 (a)  $\frac{17}{40}$                (b)  $\frac{19}{42}$   
 (c)  $\frac{20}{45}$                (d)  $\frac{29}{153}$   
 (e) None of these
24.  $4, 18, 8, 14, 12, 10, ?, ?$   
 (a) 6, 16                (b) 16, 6  
 (c) 8, 6                (d) 5, 6  
 (e) None of these
25.  $5, 41, 149, 329, ?$   
 (a) 441                (b) 501  
 (c) 581                (d) 831  
 (e) None of these
26.  $2, 7, 24, 77, ?$   
 (a) 238                (b) 1335  
 (c) 249                (d) 1016  
 (e) None of these
27.  $12, 6, 18, 9, 26, 13, 36, 18, ?$   
 (a) 46                    (b) 48  
 (c) 50                    (d) 52  
 (e) None of these
28.  $3, 5, 6, 10, 9, 15, 12$   
 (a) 18                    (b) 22  
 (c) 20                    (d) 16  
 (e) None of these
29.  $462, 420, 380, ?, 306$   
 (a) 352                (b) 342  
 (c) 332                (d) 322  
 (e) None of these
30.  $10, 20, 31, ?, 56, 70$   
 (a) 42                    (b) 43  
 (c) 44                    (d) 45  
 (e) None of these
31.  $4, 8, 9, 27, 16, 64, ?, 125$   
 (a) 90                    (b) 35  
 (c) 25                    (d) 20  
 (e) None of these
32.  $1, 2, 4, 7, 11, 16, ?$   
 (a) 20                    (b) 22  
 (c) 25                    (d) 2  
 (e) None of these
33.  $3, 8, 15, 24, ?$   
 (a) 35                    (b) 36  
 (c) 37                    (d) 38  
 (e) None of these
34.  $2, 6, ?, 20, 30$   
 (a) 10                    (b) 12  
 (c) 15                    (d) 22  
 (e) None of these

- 35.** 1, 2, 5, 10, 17, 26, ?  
 (a) 37                  (b) 42  
 (c) 32                  (d) 35  
 (e) None of these
- 36.** 4, 196, 16, 144, 36, 100, 64, ?  
 (a) 256                  (b) 48  
 (c) 64                  (d) 125  
 (e) None of these
- 37.** 11, 5, 13, 10, 15, 15, 17, ?, ?  
 (a) 5, 11                  (b) 19, 21  
 (c) 25, 19                  (d) 20, 19  
 (e) None of these
- 38.** 999, 984, 970, ?, 945  
 (a) 968                  (b) 957  
 (c) 964                  (d) 960  
 (e) None of these
- 39.** 5, 9, 21, 37, 81, ?  
 (a) 163                  (b) 153  
 (c) 183                  (d) 203  
 (e) None of these
- 40.** 0, 4, 18, 48, 100, ?  
 (a) 170                  (b) 180  
 (c) 196                  (d) 216  
 (e) None of these
- 41.** 8, 27, 64, ?, 216, ?  
 (a) 125, 343                  (b) 31, 225  
 (c) 121, 256                  (d) 144, 289  
 (e) None of these
- 42.** 4, 2, 5, 1, 6, ?  
 (a) 0                  (b) 7  
 (c) 9                  (d) 1  
 (e) None of these
- 43.** 24, 49, ?, 108, 142  
 (a) 51                  (b) 63  
 (c) 77                  (d) 95  
 (e) None of these
- 44.** 15, 18, 24, 36, ?  
 (a) 66                  (b) 60  
 (c) 54                  (d) 48  
 (e) None of these
- 45.** 2, 5, 10, 17, 26, 37, ?  
 (a) 32                  (b) 35  
 (c) 42                  (d) 50  
 (e) None of these
- 46.** 12, 22, 34, 48, ?, ?  
 (a) 60, 70                  (b) 62, 74  
 (c) 64, 82                  (d) 68, 84  
 (e) None of these
- 47.** 2, 15, 4, 12, 6, 7, ?, ?  
 (a) 8, 0                  (b) 3, 8  
 (c) 8, 8                  (d) 8, 6  
 (e) None of these
- 48.** 1, 3, 7, ?, 31, ?  
 (a) 14, 60                  (b) 13, 63  
 (c) 15, 60                  (d) 15, 63  
 (e) None of these
- 49.** 9, 16, 25, 36, ?  
 (a) 47                  (b) 49  
 (c) 50                  (d) 55  
 (e) None of these
- 50.** 12, 22, 33, 45, 58, ?  
 (a) 68                  (b) 72  
 (c) 70                  (d) 78  
 (e) None of these
- Directions : 51 to 60**
- In each of the following questions, a number series is given. Choose which number comes next in the series that will continue the same pattern.
- 51.** 1 1 2 1 2 3 1 2 3 4 1 2 3 4 5 1 2 3 4 5  
 6 7 1 2 3 4 5  
 (a) 1                  (b) 5  
 (c) 6                  (d) 2  
 (e) None of these
- 52.** 2 1 2 1 3 2 1 3 4 2 1 3 4 5 2 1 3 4 5 6 2 1 3 4 5  
 (a) 6                  (b) 7  
 (c) 8                  (d) 5  
 (e) None of these
- 53.** 2 2 3 2 3 4 2 3 4 5 2 3 4 5 6 2 3 4 5 6  
 (a) 2                  (b) 7  
 (c) 8                  (d) 3  
 (e) None of these

54. 2 4 3 2 4 3 1 2 4 3 1 2 2 4 3 1 2 3 2 4 3 1 2 3  
 (a) 2 (b) 3  
 (c) 4 (d) 5  
 (e) None of these
55. 3 4 4 3 4 4 5 3 4 4 5 6 3 4 4 5 6 7 3 4 4 5 6  
 (a) 4 (b) 5  
 (c) 6 (d) 7  
 (e) None of these
56. A B B D C F D H E J  
 (a) N (b) O  
 (c) K (d) F  
 (e) None of these
57. ABCDEFZYXWVUABCDEFZYXW  
 VUABCDEFZYXWV  
 (a) U (b) A  
 (c) B (d) Z  
 (e) None of these
58. AABABCABCDAABCDEABCDEF  
 ABCDEF  
 (a) A (b) G  
 (c) H (d) B  
 (e) None of these
59. AABABCABCDAABCDEABCDEF  
 ABCDEFGABCDEF  
 (a) A (b) I  
 (c) H (d) B  
 (e) None of these
60. BBCBCDBCDABCDEFBCDEF  
 BCDEF  
 (a) B (b) G  
 (c) H (d) D  
 (e) None of these
62. AMV, FQX, KUZ, ?  
 (a) PYB (b) OXA  
 (c) NYB (d) MYB  
 (e) None of these
63. ZXV, TRP, NLJ, ?  
 (a) IGF (b) HDF  
 (c) HGE (d) HFD  
 (e) None of these
64. BDF, HJL, NPR, ?  
 (a) OQS (b) TUV  
 (c) TVX (d) UVW  
 (e) None of these
65. BDF, KMO, TVX, ?  
 (a) CEG (b) UVW  
 (c) XYZ (d) ACE  
 (e) None of these
66. BDF, ?, PRT, WYA  
 (a) GJK (b) HKL  
 (c) IKM (d) IJK  
 (e) None of these
67. AZ, CX, FU, ?  
 (a) JQ (b) KP  
 (c) IR (d) IV  
 (e) None of these
68. IKJ, NPO, SUT, ?  
 (a) VXW (b) WXY  
 (c) XZY (d) YZA  
 (e) None of these
69. KUZ, MOX, OIV, QET, ?  
 (a) SUR (b) SAR  
 (c) SAG (d) SDR  
 (e) None of these
70. POQ, SRT, VUW, ?  
 (a) XYZ (b) XZY  
 (c) YXZ (d) YZX  
 (e) None of these
71. A, C, F, J, O, ?, B  
 (a) I (b) H  
 (c) U (d) D  
 (e) None of these
72. Z, X, U, Q, L, ?  
 (a) F (b) E  
 (c) G (d) H  
 (e) None of these

**Direction : 61 to 110**

In each of the following questions, a letter series is given with one question mark. Choose the alternative that will continue the same pattern and replace the question mark in the given series.

61. E, H, L, O, S, ?, ?  
 (a) W, Z (b) U, V  
 (c) V, Z (d) U, Z  
 (e) None of these

73. A, R, C, S, E, T, G, ?, ?  
 (a) X, Z      (b) U, I  
 (c) W, Y      (d) V, B  
 (e) None of these
74. B, C, E, H, L, ?, ?  
 (a) X, Y      (b) M, N  
 (c) Q, W      (d) O, P  
 (e) None of these
75. AGMSY, CIOUA, EKQWC, ?, IOUAG, KQWCI  
 (a) GMSYE      (b) FMSYE  
 (c) GNSYD      (d) FMYES  
 (e) None of these
76. DIB, HMF, LQJ, ?  
 (a) OTM      (b) QVO  
 (c) PVO      (d) PUN  
 (e) None of these
77. NOA, PQB, RSC, ?  
 (a) TUD      (b) DTU  
 (c) ENO      (d) PNQ  
 (e) None of these
78. DFI, KMP, ?, YAD  
 (a) QSV      (b) RTW  
 (c) SUX      (d) RTV  
 (e) None of these
79. WYV, ?, IKH, BDA  
 (a) OPR      (b) ROP  
 (c) PRO      (d) OQN  
 (e) None of these
80. ABC, FGH, LMN, ?  
 (a) IJK      (b) OPQ  
 (c) STU      (d) RST  
 (e) None of these
81. ?, PSVYB, EHKNQ, TWZCF, ILORU  
 (a) BEHKN      (b) ADGJM  
 (c) SVYBE      (d) ZCFIL  
 (e) None of these
82. WAB, XCD, YEF, ?  
 (a) CMN      (b) ZGH  
 (c) BKL      (d) AIJ  
 (e) None of these
83. DAB, IFQ, NKL, ?  
 (a) SPQ      (b) SOP  
 (c) SPO      (d) RSQ  
 (e) None of these
84. CGK, EJP, GMU, ?  
 (a) IRT      (b) IPZ  
 (c) FNV      (d) JLN  
 (e) None of these
85. BMO, EOQ, HQS, ?  
 (a) SOW      (b) LMN  
 (c) KSU      (d) SOV  
 (e) None of these
86. DHL, PTX, BFJ, ?  
 (a) NRV      (b) RVZ  
 (c) CGK      (d) KOS  
 (e) None of these
87. Y,V,S,P,M, ?  
 (a) J      (b) K  
 (c) L      (d) I  
 (e) None of these
88. XYZ, ABC, UVW, DEF, RST, GHI, ?  
 (a) UVW      (b) JKL  
 (c) OPQ      (d) NOP  
 (e) None of these
89. A,D,G,J,M,P, ?  
 (a) Q      (b) R  
 (c) T      (d) S  
 (e) None of these
90. PBA, QDC, RFE, ?  
 (a) SHG      (b) OAB  
 (c) TJI      (d) ULK  
 (e) None of these
91. Z, X, ?, N, F  
 (a) T      (b) R  
 (c) Q      (d) O  
 (e) None of these

- 92.** A, Z, C, X, E, ?  
 (a) U (b) W  
 (c) V (d) Y  
 (e) None of these
- 93.** AB1, DC3, EF5, HG7, IJ9, LK11, ?  
 (a) LM12 (b) NM13  
 (c) MN13 (d) ML13  
 (e) None of these
- 94.** BCD, CEG, DGJ, ? FKP  
 (a) ELR (b) EIM  
 (c) GMS (d) GNL  
 (e) None of these
- 95.** AND, EAR, INK, OLD, ?  
 (a) UJR (b) AGE  
 (c) DOG (d) OIL  
 (e) None of these
- 96.** Y, ?, ?, M, I, E  
 (a) Z, X (b) P, R  
 (c) Q, T (d) U, Q  
 (e) None of these
- 97.** AYBZC, DWEXF, GUHVI, JSKTL, ?  
 (a) MQORN (b) QMONR  
 (c) MQNRO (d) NQMOR  
 (e) None of these
- 98.** C1GK, F2JN, I3MQ, ?  
 (a) S4PL (b) N4IH  
 (c) L4PT (d) QLP4  
 (e) None of these
- 99.** IZA, 3YB, 6XC, 10WD, ?  
 (a) 14VE (b) 15UE  
 (c) 12VE (d) 15VE  
 (e) None of these
- 100.** B, D, F, I, L, P, ?  
 (a) U (b) R  
 (c) S (d) T  
 (e) None of these
- 101.** PRIMARILY, RIMARILY, RIMARIL, ?  
 (a) IMAR (b) RIMARI  
 (c) IMARIL (d) RIMA  
 (e) None of these
- 102.** C, E, I, K, O, Q, ?  
 (a) R (b) S  
 (c) T (d) U  
 (e) None of these
- 103.** XDH, VGJ, TJL, RMN, ?  
 (a) QOP (b) PPP  
 (c) SNO (d) QLM  
 (e) None of these
- 104.** XWA, VTC, SPF, OKJ, ?  
 (a) JDN (b) JEO  
 (c) LPN (d) JDP  
 (e) None of these
- 105.** B2, F4, J6, N8, R10, V12, Z14, D16, H18, L20, ?  
 (a) M20 (b) O22  
 (c) P22 (d) T22  
 (e) None of these
- 106.** AC, DG, HL, MR, ?  
 (a) SY (b) TZ  
 (c) RX (d) SX  
 (e) None of these
- 107.** BC, EF, IJ, NO, ?  
 (a) ST (b) TU  
 (c) UV (d) QR  
 (e) None of these
- 108.** CEA, IKG, OQM, ?  
 (a) STW (b) WUS  
 (c) SWU (d) UWS  
 (e) None of these
- 109.** DGH, JMN, ?, VYZ  
 (a) PRS (b) PST  
 (c) OQR (d) ORS  
 (e) None of these
- 110.** GFD, JIG, MLJ, POM, ?  
 (a) SPR (b) SRP  
 (c) RPS (d) RSP  
 (e) None of these

*Direction : 111 to 145*

In each of the following letter series, some of the letters are missing which are given in that order as one of the alternatives below it. Choose the correct alternative.

- 111.** \_ a \_ a a a b a \_ b a \_ a b \_  
 (a) abaaaa (b) abaaba  
 (c) aababa (d) ababaa  
 (e) None of these
- 112.** bca \_ b \_ aabc \_ acaa  
 (a) cbab (b) bacc  
 (c) acab (d) bebb  
 (e) None of these
- 113.** ab \_ aa \_ aaa \_ a \_ ab \_ a  
 (a) abbab (b) abaaa  
 (c) aabba (d) abbaa  
 (e) None of these
- 114.** ab \_ baa \_ ab \_  
 (a) baabb (b) aabab  
 (c) aabaa (d) aaaaa  
 (e) None of these
- 115.** \_ bbm \_ amb \_ m \_ a \_ bb  
 (a) mbabm (b) abmab  
 (c) mabam (d) ambbm  
 (e) None of these
- 116.** cc \_ ccbc \_ accbcc \_ c \_ b  
 (a) acac (b) abac  
 (c) abab (d) aabc  
 (e) None of these
- 117.** h \_ jh \_ ijhh \_ hh \_ jh  
 (a) ihji (b) hihi  
 (c) iijj (d) hjhj  
 (e) None of these
- 118.** \_ stt \_ tt \_ tts \_  
 (a) tsst (b) sstt  
 (c) tsts (d) tsts  
 (e) None of these
- 119.** r \_ se \_ os \_ ro \_ er \_ sc  
 (a) oreso (b) rores  
 (c) oesrs (d) roeso  
 (e) None of these
- 120.** l \_ n \_ mllm \_ n \_ l  
 (a) mnmm (b) mnnm  
 (c) mnmm (d) nmnm  
 (e) None of these
- 121.** m \_ pl \_ ppimp \_ lmpp \_  
 (a) pmpl (b) lmppl  
 (c) pmml (d) lmml  
 (e) None of these
- 122.** o \_ po \_ r \_ qopp \_ q \_ rq  
 (a) prqoq (b) oqqro  
 (c) pqrrq (d) pqrqr  
 (e) None of these
- 123.** cab \_ c \_ bdca \_ d \_ abd  
 (a) dabc (b) ccaa  
 (c) bcda (d) abcd  
 (e) None of these
- 124.** \_ aa \_ ba \_ bb \_ ab \_ aab  
 (a) babab (b) aaabb  
 (c) bbaab (d) bbbaa  
 (e) None of these
- 125.** a \_ n \_ b \_ \_ ncb \_ \_ ncb  
 (a) bcabab (b) bacbab  
 (c) abcacb (d) abbbcc  
 (e) None of these
- 126.** ac \_ ga \_ eg \_ cc \_  
 (a) dbag (b) ecag  
 (c) deag (d) ebdg  
 (e) None of these
- 127.** p \_ qsp \_ \_ sprq \_ prqs  
 (a) srqs (b) rrqs  
 (c) rqqs (d) rrqr  
 (e) None of these
- 128.** \_ op \_ mo \_ n \_ \_ pnmpop \_  
 (a) mnppomn (b) mnompn  
 (c) mnpmom (d) mpnmop  
 (e) None of these
- 129.** w \_ uwu \_ \_ w \_ xuw \_ x \_ w  
 (a) xuwuxw (b) xwuuxw  
 (c) xxuwwu (d) xxwwuu  
 (e) None of these
- 130.** \_ tu \_ rt \_ s \_ \_ usrtu \_  
 (a) rsurts (b) rsurtr  
 (c) rsutrr (d) rtusru  
 (e) None of these

131. \_onpm\_npmo\_pmon\_

- (a) pnom                    (b) nmpo  
 (c) onpm                    (d) monp  
 (e) None of these

132. ab\_abc\_bc\_bca\_c

- (a) caab                    (b) caac  
 (c) bccb                    (d) baca  
 (e) None of these

133. oru\_o\_uxor\_x\_rux

- (a) orxu                    (b) xuro  
 (c) xruo                    (d) ourx  
 (e) None of these

134. a\_baa\_aaba\_ca\_b

- (a) bcaa                    (b) ccaa  
 (c) acaa                    (d) abac  
 (e) None of these

135. a\_ba\_bb\_ab\_a

- (a) aaba                    (b) baab  
 (c) baaa                    (d) abab  
 (e) None of these

136. bab\_b\_b\_\_abb

- (a) abba                    (b) bbba  
 (c) abab                    (d) babb  
 (e) None of these

137. \_abbaa\_c\_ad\_aae\_

- (a) acade                    (b) acede  
 (c) bebde                    (d) babcc  
 (e) None of these

138. aa\_b\_abc\_ac\_a\_de

- (a) babcc                    (b) aaada  
 (c) abade                    (d) abaad  
 (e) None of these

139. a\_ \_bbc\_c\_dcdde\_c

- (a) baacd                    (b) babed  
 (c) baade                    (d) bbced  
 (e) None of these

140. r\_sr\_tsrrt\_rr\_sr

- (a) ttss                    (b) tsts  
 (c) trst                    (d) ssrt  
 (e) None of these

141. m\_ommn\_m\_nommn\_m

- (a) onmo                    (b) nomo  
 (c) monm                    (d) nnmo  
 (e) None of these

142. m\_m\_mn\_nm\_mn

- (a) nnmn                    (b) nmmn  
 (c) nmmm                    (d) mmmm  
 (e) None of these

143. mnonopqopqrs\_----

- (a) mnopq                    (b) oqrst  
 (c) pqrst                    (d) qrstu  
 (e) None of these

144. aaba\_bba\_bba\_abaa\_b

- (a) aabab                    (b) ababa  
 (c) baaba                    (d) bbaba  
 (e) None of these

145. ab\_bbc\_c\_aa\_ab\_b

- (a) ccaac                    (b) cbabc  
 (c) cacac                    (d) bccab  
 (e) None of these

**ANSWER KEY**

- |              |              |              |               |               |
|--------------|--------------|--------------|---------------|---------------|
| 1. Ans. (b)  | 31. Ans. (c) | 61. Ans. (c) | 91. Ans. (a)  | 121. Ans. (a) |
| 2. Ans. (b)  | 32. Ans. (b) | 62. Ans. (a) | 92. Ans. (c)  | 122. Ans. (d) |
| 3. Ans. (c)  | 33. Ans. (a) | 63. Ans. (d) | 93. Ans. (c)  | 123. Ans. (a) |
| 4. Ans. (c)  | 34. Ans. (b) | 64. Ans. (c) | 94. Ans. (b)  | 124. Ans. (c) |
| 5. Ans. (a)  | 35. Ans. (a) | 65. Ans. (a) | 95. Ans. (a)  | 125. Ans. (a) |
| 6. Ans. (d)  | 36. Ans. (c) | 66. Ans. (c) | 96. Ans. (d)  | 126. Ans. (b) |
| 7. Ans. (c)  | 37. Ans. (d) | 67. Ans. (a) | 97. Ans. (c)  | 127. Ans. (b) |
| 8. Ans. (b)  | 38. Ans. (b) | 68. Ans. (c) | 98. Ans. (c)  | 128. Ans. (c) |
| 9. Ans. (a)  | 39. Ans. (b) | 69. Ans. (b) | 99. Ans. (d)  | 129. Ans. (c) |
| 10. Ans. (a) | 40. Ans. (b) | 70. Ans. (c) | 100. Ans. (d) | 130. Ans. (a) |
| 11. Ans. (c) | 41. Ans. (a) | 71. Ans. (c) | 101. Ans. (c) | 131. Ans. (d) |
| 12. Ans. (c) | 42. Ans. (a) | 72. Ans. (a) | 102. Ans. (d) | 132. Ans. (a) |
| 13. Ans. (d) | 43. Ans. (c) | 73. Ans. (b) | 103. Ans. (b) | 133. Ans. (c) |
| 14. Ans. (b) | 44. Ans. (b) | 74. Ans. (c) | 104. Ans. (b) | 134. Ans. (c) |
| 15. Ans. (b) | 45. Ans. (d) | 75. Ans. (a) | 105. Ans. (c) | 135. Ans. (b) |
| 16. Ans. (d) | 46. Ans. (c) | 76. Ans. (d) | 106. Ans. (a) | 136. Ans. (d) |
| 17. Ans. (b) | 47. Ans. (a) | 77. Ans. (a) | 107. Ans. (b) | 137. Ans. (a) |
| 18. Ans. (b) | 48. Ans. (d) | 78. Ans. (b) | 108. Ans. (d) | 138. Ans. (b) |
| 19. Ans. (d) | 49. Ans. (b) | 79. Ans. (c) | 109. Ans. (b) | 139. Ans. (b) |
| 20. Ans. (d) | 50. Ans. (b) | 80. Ans. (c) | 110. Ans. (b) | 140. Ans. (c) |
| 21. Ans. (a) | 51. Ans. (c) | 81. Ans. (b) | 111. Ans. (a) | 141. Ans. (b) |
| 22. Ans. (c) | 52. Ans. (a) | 82. Ans. (b) | 112. Ans. (c) | 142. Ans. (a) |
| 23. Ans. (b) | 53. Ans. (b) | 83. Ans. (a) | 113. Ans. (d) | 143. Ans. (c) |
| 24. Ans. (b) | 54. Ans. (c) | 84. Ans. (b) | 114. Ans. (c) | 144. Ans. (a) |
| 25. Ans. (c) | 55. Ans. (d) | 85. Ans. (c) | 115. Ans. (c) | 145. Ans. (d) |
| 26. Ans. (a) | 56. Ans. (d) | 86. Ans. (a) | 116. Ans. (a) |               |
| 27. Ans. (b) | 57. Ans. (b) | 87. Ans. (a) | 117. Ans. (a) |               |
| 28. Ans. (c) | 58. Ans. (b) | 88. Ans. (c) | 118. Ans. (a) |               |
| 29. Ans. (b) | 59. Ans. (c) | 89. Ans. (d) | 119. Ans. (a) |               |
| 30. Ans. (b) | 60. Ans. (b) | 90. Ans. (a) | 120. Ans. (b) |               |

**ANALOGY TEST****CHAPTER****6****OBJECTIVE QUESTIONS****Direction : 1 to 50**

In each of the following questions, there is a certain relationship between two given words. Choose the best alternative for others.

1. MOUTH : EXPRESSION :: MUSIC : ?
  - (a) PLAYER
  - (b) HYPOTENUSE
  - (c) INSTRUMENT
  - (d) TUNE
2. PALAEONTOLOGY : FOSSIL :: PHRENOLOGY : ?
  - (a) THYROID
  - (b) PANCREAS
  - (c) LUNGS
  - (d) SKULL
3. TELEVISION : TELECAST :: RADIO : ?
  - (a) BROADCAST
  - (b) NEWS
  - (c) MUSIC
  - (d) DRAMA
4. IMPORT : EXPORT :: ? : EXPENSES
  - (a) COMMUTATION
  - (b) INCOME
  - (c) INCOMPLETE
  - (d) REVENUE
5. ALPHABET : WORD :: ? : SENTENCE
  - (a) PARAGRAPH
  - (b) WORD
  - (c) IDIOM
  - (d) SCRIPT
6. CROW : BIRD :: SPIDER : ?
  - (a) ANIMAL
  - (b) PLANT
  - (c) PIGEON
  - (d) INSECT
7. BACTERIA : TYPHOID :: ? : MALARIA
  - (a) FLIES
  - (b) VIRUS
  - (c) INSECT
  - (d) MOSQUITO
8. WINDOW : PANE :: BOOK : ?
  - (a) NOVEL
  - (b) PAGE
  - (c) COVER
  - (d) GLASS
9. RECEPTIONIST : OFFICE :: HOSTESS : ?
  - (a) HOSPITAL
  - (b) AEROPLANE
  - (c) AIRPORT
  - (d) TRAIN
10. CAR : PETROL :: TELEVISION : ?
  - (a) CURRENT
  - (b) TRANSMISSION
  - (c) ENTERTAINMENT
  - (d) ANTENNA
11. CIRCLE : CIRCUMFERENCE :: SQUARE : ?
  - (a) VOLUME
  - (b) AREA
  - (c) PERIMETER
  - (d) DIAGONAL
12. EYE : QUIVER :: HEART : ?
  - (a) WALKING
  - (b) THROB
  - (c) TREMBLE
  - (d) PLAY
13. DESERT : SAND :: ISLAND : ?
  - (a) TREE
  - (b) RIVER
  - (c) WATER
  - (d) WIND
14. PRECAUTION : DISREGARDING :: SILENCE : ?
  - (a) WAR
  - (b) WON
  - (c) INSTIGATE
  - (d) COMPERMIGATION
15. CALF : COW :: PUPPY : ?
  - (a) DOG
  - (b) BUFFALO
  - (c) HORSE
  - (d) DONKEY
16. BANK : PAISE :: TRANSPORT : ?
  - (a) ROAD
  - (b) SPEED
  - (c) VEHICLE
  - (d) GOODS

17. FOREST : ZOO :: SEA : ?  
 (a) RIVER      (b) HILL  
 (c) ISLAND      (d) ROCK
18. SPARROW : FEATHER :: FISH : ?  
 (a) GILL      (b) TAIL  
 (c) FINS      (d) SHELF
19. VIDEO : CASSETTE :: COMPUTER : ?  
 (a) RECORDING      (b) FLOOPY  
 (c) FILES      (d) RIELES
20. BOOK : LIBRARY :: ? : FILE  
 (a) FOLDER      (b) DATA  
 (c) BYTES      (d) COMPUTER
21. COUNTRY : PRESIDENT :: STATE : ?  
 (a) CHIEFMINISTER (b) PRIMEMINISTER  
 (c) SPEAKER      (d) GOVERNOR
22. MIRAGE : DESERT :: ?  
 (a) SKY : DELUSION  
 (b) RAINBOW : SKY  
 (c) RAIN : RAINBOW  
 (d) REFLECTION : MIRROR
23. DOCTOR : PATIENT :: ADVOCATE : ?  
 (a) CUSTOMER      (b) CLIENT  
 (c) CONSUMER      (d) BUYER
24. YARD : PIG :: SHED : ?  
 (a) EAGLE      (b) COW  
 (c) TIGER      (d) HEN
25. SCISSOR : CLOTH :: ?  
 (a) STONE : GRINDER  
 (b) AXE : WOOD  
 (c) KNIFE : STONE  
 (d) GUN : HUNT
26. EDITOR : NEWSPAPER :: ?  
 (a) NOVEL : WRITER  
 (b) POEM : POET  
 (c) CHAIR : WRITER  
 (d) DIRECTOR : FILM
27. DOCTOR : TREATMENT :: JUDGE : ?  
 (a) PUNISH      (b) DECISION  
 (c) LAWYER      (d) COURT
28. FOX : CUNNING :: RABBIT : ?  
 (a) BRAVE      (b) DANGEROUS  
 (c) TIMID      (d) CRUEL
29. BOOK : PUBLISHER :: FILM : ?  
 (a) WRITER      (b) EDITOR  
 (c) DIRECTOR      (d) PRODUCER
30. DETECTIVE : SNEAKER :: JOURNALIST : ?  
 (a) NEWS AGENT      (b) EDITORIAL  
 (c) NEWS      (d) ESSAY
31. LION : CAVE :: HORSE : ?  
 (a) STABLE      (b) PIT  
 (c) HOLLOW      (d) DITCH
32. JANUARY : NOVEMBER :: SUNDAY : ?  
 (a) TUESDAY      (b) MONDAY  
 (c) FRIDAY      (d) SATURDAY
33. SUPPORT : FRUSTRATION :: VICTORY : ?  
 (a) HUNDLE      (b) ANGER  
 (c) UNSUCESS      (d) WORRY
34. JOY : WOE :: ?  
 (a) GREETINGS : OPPURTUNITY  
 (b) DILIGENCE : SUCCESSFUL  
 (c) MEASURE : SCALE  
 (d) OFFENCE : PRESTIGE
35. GRAIN : GODOWN :: WATER : ?  
 (a) REPAYED      (b) BRIDGE  
 (c) TUNNEL      (d) DAM
36. EDITOR : NEWSPAPER :: ?  
 (a) TABLE : CARPENTER  
 (b) MAGZINE : REPORTER  
 (c) WRITER : NOVEL  
 (d) BLACKSMITH : FURNACE
37. MOUNTAIN : HILL :: TREE : ?  
 (a) JUNGLE      (b) SHRUBS  
 (c) LEAVE      (d) GROUND

38. DIET : MAN :: FUEL : ?  
 (a) WOOD      (b) FIRE  
 (c) HOT      (d) SMOKE
39. BLUE WHALE : SEA :: ? : LAND  
 (a) ELEPHANT      (b) GREEN WHALE  
 (c) TURTLE      (d) FISH
40. ANEMIA : BLOOD :: ANARCHY : ?  
 (a) GOVERNMENT (b) LAWLESSNESS  
 (c) DRANGEMENT (d) POLITY
41. HARD : SHELL :: SOFT : ?  
 (a) SPONGE      (b) MIRROR  
 (c) GLASS      (d) PAPER
42. CHAIR : FURNITURE :: FORK : ?  
 (a) CROCKERY      (b) CUTLERY  
 (c) FOOD      (d) SPOON
43. CRIME : COURT :: DISEASE : ?  
 (a) DOCTOR      (b) MEDICINE  
 (c) HOSPITAL      (d) TREATMENT
44. RICH : WEALTH :: THRIVE : ?  
 (a) TO SYCOPANT  
 (b) TO SUBSUME  
 (c) TO BROKEN DOWN  
 (d) TO WEALTH
45. GARBAGE : HOUSE :: GANGUE : ?  
 (a) FACTORY      (b) DRUGS  
 (c) OFFICE      (d) ORE
46. BOOK: LIBRARY :: ?  
 (a) FISH : RIVER  
 (b) AEROPLANE : SKY  
 (c) FLOWERPOT : FLOWER  
 (d) SHIP : SEAPORT
47. COUNTRY : PRIME MINISTER :: STATE : ?  
 (a) SPEAKER      (b) MLA  
 (c) MINISTER      (d) CHIEF MINISTER
48. OXYGEN : BREATH :: ?  
 (a) PEN : INK      (b) DISEASE : BIRTH  
 (c) BED : REST      (d) GRAVITY : POWER
49. ZOOLOGY : ORGANISM :: PSYCHOLOGY : ?  
 (a) PLANTS      (b) ANIMAL  
 (c) HUMAN      (d) ANIMAL & HUMAN
50. THERMOMETER : TEMPERATURE :: BAROMETER : ?  
 (a) PRESSURE      (b) DENSITY  
 (c) WEIGHT      (d) HUMIDITY

**Direction: 51 to 104**

*In each of the following questions consists a pair of letter group that have a certain relationship to each other, followed by a incomplete pair of letter-group. Select the part pair in which the letter-group are similarly related as in the given pair.*

51. IRTH : HQSG :: RQPO : ?  
 (a) QPOR      (b) QPON  
 (c) PQRO      (d) QRSP
52. ABCD : HGFE :: OPQR : ?  
 (a) STUV      (b) TUSV  
 (c) VUTS      (d) VTSU
53. AEHN : BGKR :: DFGN : ?  
 (a) EHJR      (b) EHKQ  
 (c) EIJR      (d) DHKQ
54. CIMP : BJLQ :: UWZA : ?  
 (a) ZTYB      (b) TXBY  
 (c) XTYB      (d) TXYB
55. ADHM : ZWSN :: CFIO : ?  
 (a) YURM      (b) WTPK  
 (c) XURL      (d) ZXVT
56. BCDE : LMNO :: FGHI : ?  
 (a) RSTU      (b) JKLM  
 (c) HIJK      (d) PQRS
57. EARN : NEAR :: REEF : ?  
 (a) FREE      (b) EFRE  
 (c) FEER      (d) FERE
58. MARGATE : NZITZGV :: TONIGHT : ?  
 (a) GLMQTSG      (b) GLMRSTG  
 (c) GLMRTQG      (d) GNMRTQG

59. EGIK : FILO :: FHJL : ?  
 (a) JGMP      (b) JGPM  
 (c) GJPM      (d) GJMP
60. COLD : ALHY :: IRON : ?  
 (a) GUKI      (b) GUSI  
 (c) GKUI      (d) GOKI
61. ADHM : ZWSN :: CFJO : ?  
 (a) YVRM      (b) WSPK  
 (c) XUQL      (d) ZXVT
62. WRITE : JEVGR :: WRONG : ?  
 (a) JEBAT      (b) JECAT  
 (c) JEDAT      (d) JEDAD
63. APPLE : 50 :: ORANGE : ?  
 (a) 60      (b) 69  
 (c) 61      (d) 63
64. EJOT : VQLG :: BGLQ : ?  
 (a) ZUPK      (b) AFKP  
 (c) AEIM      (d) YTOJ
65. AZBY : DWEV :: HSIR : ?  
 (a) JQKO      (b) KPOL  
 (c) KPLO      (d) KOLP
66. DRIVE : EIDRV :: BEGUM : ?  
 (a) UEBGM      (b) EUBGM  
 (c) BGMEU      (d) BGMUE
67. CLOSE : DNRWJ :: OPEN : ?  
 (a) PRJQ      (b) RPJB  
 (c) PRHR      (d) RZWR
68. GIKM : TRPN :: JLNP : ?  
 (a) QOMN      (b) WUSQ  
 (c) PRTV      (d) TVXZ
69. UNDATED : ATEDUND :: CORRECT : ?  
 (a) PRECTOC      (b) RECTROC  
 (c) ECTRORC      (d) RECTCOR
70. UUWX : WWYZ :: OOQR : ?  
 (a) OOPG      (b) MMPQ  
 (c) XXYZ      (d) QQST
71. BIMN : CKPR :: CURD : ?  
 (a) DWUH      (b) WUHC  
 (c) UHDW      (d) HUVN
72. TPDN : 27 :: RLVT : ?  
 (a) 72      (b) 27  
 (c) 63      (d) 36
73. KMF : LLH :: RMS : ?  
 (a) SLR      (b) SLU  
 (c) SSU      (d) SUS
74. CEGI : RTVX :: IKMO : ?  
 (a) JKLN      (b) LNPR  
 (c) MNPQ      (d) DFHI
75. JIHK : PONQ :: WVUX : ?  
 (a) KNML      (b) RSTU  
 (c) HIGJ      (d) MLKN
76. TECKAR : RAKCET :: TCEJBO : ?  
 (a) TCEOBJ      (b) OBJECT  
 (c) CEJBOT      (d) REJECT
77. QIOK : MMKO :: YAWC : ?  
 (a) UESG      (b) USGA  
 (c) VUES      (d) SUEG
78. DIMP : CJLQ :: UWZA : ?  
 (a) XTYB      (b) TXYB  
 (c) XTYB      (d) TXBY
79. ABDH : CFHP :: JKMQ : ?  
 (a) KPQR      (b) LOQY  
 (c) LOSY      (d) KOQY
80. IJKL : STUV :: MNOP : ?  
 (a) VWXY      (b) WXYZ  
 (c) PQRS      (d) RSTU
81. DHLP : BDFH :: FLRX : ?  
 (a) FHLK      (b) HLKM  
 (c) CFHL      (d) CFIL
82. CDF : GHJ : ?  
 (a) ABD : PQR      (b) KLN : OPR  
 (c) PQR : STU      (d) EFT : MNO

83. CUZA : HYCC :: NNJO : ?  
 (a) TURS                    (b) SRMQ  
 (c) TRMP                    (d) SSNR
84. UTS : EDC :: WVU : ?  
 (a) GFE                    (b) XYW  
 (c) SJM                    (d) RST
85. CFIL : ABCD :: ? : WXYZ  
 (a) YBEH                    (b) ZYXW  
 (c) DCBA                    (d) JHPS
86. CFIL : XURO :: ORUX : ?  
 (a) MJFC                    (b) ROLI  
 (c) RITO                    (d) LIFC
87. EVFU : TGSH :: IRJQ : ?  
 (a) PKLO                    (b) KWLX  
 (c) PKOL                    (d) OLPK
88. ACEG : ZXVT :: BDFH : ?  
 (a) YVSP                    (b) IKMO  
 (c) YUQM                    (d) YWUS
89. BCFG : HILM :: NORS : ?  
 (a) TXUW                    (b) TUXY  
 (c) TVWX                    (d) TXWU
90. ABCD : ZYXW :: EFGH : ?  
 (a) VUTS                    (b) EUTS  
 (c) POTS                    (d) UOTS
91. TSH : IRQ :: QPK : ?  
 (a) LNO                    (b) LON  
 (c) PWK                    (d) PON
92. AZB : CXD :: EVF : ?  
 (a) GSH                    (b) GHS  
 (c) GTH                    (d) GHT
93. BEGK : ADFJ :: PSVY : ?  
 (a) ROUX                    (b) ORUX  
 (c) LQUT                    (d) LOQT
94. AZBY : CXDW :: EVFU : ?  
 (a) GTHS                    (b) GHTS  
 (c) GSTH                    (d) TGSH
95. BDFH : SUWY :: CEGI : ?  
 (a) QTWZ                    (b) PTVX  
 (c) JLNP                    (d) TVXZ
96. BCDE : LMNO :: FGHI : ?  
 (a) RSTU                    (b) JKLM  
 (c) HIJK                    (d) PQRS
97.  $\frac{Z}{26} : \frac{Y}{25} :: \frac{B}{2} : ?$   
 (a)  $\frac{S}{19}$                     (b)  $\frac{T}{20}$   
 (c)  $\frac{A}{1}$                     (d)  $\frac{19}{20}$
98.  $\frac{L}{S} : \frac{12}{19} :: \frac{I}{T} : ?$   
 (a)  $\frac{12}{20}$                     (b)  $\frac{20}{9}$   
 (c)  $\frac{9}{20}$                     (d)  $\frac{19}{20}$
99.  $\frac{T}{J} : 2 :: \frac{X}{H} : ?$   
 (a) 2                        (b) 3  
 (c)  $\frac{23}{7}$                     (d) 4
100.  $\sqrt{AFI} = M ; \sqrt{ADD} = L ; ; \sqrt{ABA} = ?$   
 (a) O                        (b) K  
 (c) I                        (d) N
101. CE : 70 :: DE : ?  
 (a) 90                        (b) 60  
 (c) 120                        (d) 210
102. B : 16 :: D : ?  
 (a) 120                        (b) 250  
 (c) 256                        (d) 200
103.  $\frac{ABC}{F} : \frac{BCD}{I} :: \frac{CDE}{L} : ?$   
 (a)  $\frac{DEF}{O}$                     (b)  $\frac{DEF}{N}$   
 (c)  $\frac{EDF}{O}$                     (d)  $\frac{DEF}{M}$

**104.** MK :  $\frac{169}{121}$  :: JH : ?

(a)  $\frac{81}{100}$

(c)  $\frac{100}{81}$

(b)  $\frac{64}{120}$

(d)  $\frac{100}{64}$

**114.** 2212 : 6636 :: 1122 : ?

(a) 3366

(c) 2255

(b) 2244

(d) 1133

**115.** 4 : 32 :: 7 : ?

(a) 98

(c) 88

(b) 343

(d) 49

*Direction: 105 to 139*

In each of the following questions, there is a certain relationship between two given numbers. Choose the best alternative for others.

**105.** 2 : 3 :: 23 : ?

(a) 25

(b) 28

(c) 45

(d) 29

**106.** 2 : 12 :: 8 : ?

(a) 28

(b) 128

(c) 396

(d) 576

**107.** 1 : 8 :: 4 : ?

(a) 32

(b) 64

(c) 512

(d) 128

**108.** 6 : 2 :: 8 : ?

(a) 5

(b) 1

(c) 3

(d) 7

**109.** 8 : 12 :: 6 : ?

(a) 8

(b) 11

(c) 5

(d) 7

**110.** 27 : 9 :: 64 : ?

(a) 8

(b) 12

(c) 16

(d) 20

**111.** 6 : 42 :: 7 : ?

(a) 48

(b) 40

(c) 52

(d) 56

**112.** 42 : 56 :: 72 : ?

(a) 81

(b) 90

(c) 96

(d) 100

**113.** 83 : 25 :: 92 : ?

(a) 25

(b) 16

(c) 49

(d) 36

**116.** 5 : 2431 :: 8 : ?

(a) 4287

(c) 7624

(b) 5461

(d) 6743

**117.** 24 : 126 :: 48 : ?

(a) 433

(c) 240

(b) 192

(d) 344

**118.** 1 : 8 :: 27 : ?

(a) 27

(c) 57

(b) 47

(d) 64

**119.** 6 : 11 :: 11 : ?

(a) 6

(c) 20

(b) 17

(d) 21

**120.** 248 : 3 :: 328 : ?

(a) 7

(c) 4

(b) 5

(d) 6

**121.** 365 : 90 :: 623 : ?

(a) 36

(c) 123

(b) 45

(d) 63

**122.** 8 : 28 :: 27 : ?

(a) 8

(c) 64

(b) 28

(d) 65

**123.** 24 : 60 :: 120 : ?

(a) 160

(c) 300

(b) 220

(d) 108

**124.** 7 : 32 :: 28 : ?

(a) 126

(c) 116

(b) 136

(d) 128

**125.** 7 : 4 :: 13 : ?

(a) 9

(c) 3

(b) 7

(d) 5

126.  $12 : 72 :: 8 : ?$ 

- (a) 36                          (b) 32  
 (c) 38                           (d) 40

134.  $11 : 38 :: 13 : ?$ 

- (a) 47                           (b) 44  
 (c) 43                           (d) 46

127.  $81 : 9 :: 49 : ?$ 

- (a) 8                            (b) 5  
 (c) 11                           (d) 13

135.  $8 : 81 :: 64 : ?$ 

- (a) 125                        (b) 137  
 (c) 525                        (d) 625

128.  $9 : 80 :: 100 : ?$ 

- (a) 901                        (b) 1009  
 (c) 9889                      (d) 9999

136.  $6 : 18 :: 4 : ?$ 

- (a) 2                            (b) 16  
 (c) 8                            (d) 6

129.  $43 : 57 :: 111 : ?$ 

- (a) 135                        (b) 134  
 (c) 133                        (d) 136

137.  $583 : 293 :: 488 : ?$ 

- (a) 581                        (b) 378  
 (c) 291                        (d) 487

130.  $335 : 216 :: 987 : ?$ 

- (a) 868                        (b) 867  
 (c) 872                        (d) 888

138.  $987 : 123 :: ? : 234$ 

- (a) 875                        (b) 886  
 (c) 876                        (d) 1068

131.  $36 : 324 :: 49 : ?$ 

- (a) 441                        (b) 411  
 (c) 4144                      (d) 444

139.  $4 : 6 :: 10 : ?$ 

- (a) 8                            (b) 13  
 (c) 15                           (d) 17

132.  $182 : ? :: 210 : 380$ 

- (a) 342                        (b) 272  
 (c) 240                        (d) 156

140.  $23 : 0827 :: 45 : ?$ 

- (a) 12125                    (b) 64125  
 (c) 12025                    (d) 08125

133.  $3 : 18 :: 13 : ?$ 

- (a) 48                           (b) 78  
 (c) 24                           (d) 26

○○○

**ANSWER KEY**

- |              |              |              |               |               |
|--------------|--------------|--------------|---------------|---------------|
| 1. Ans. (d)  | 31. Ans. (a) | 61. Ans. (c) | 91. Ans. (b)  | 121. Ans. (a) |
| 2. Ans. (d)  | 32. Ans. (c) | 62. Ans. (a) | 92. Ans. (c)  | 122. Ans. (d) |
| 3. Ans. (a)  | 33. Ans. (c) | 63. Ans. (a) | 93. Ans. (b)  | 123. Ans. (c) |
| 4. Ans. (b)  | 34. Ans. (d) | 64. Ans. (d) | 94. Ans. (a)  | 124. Ans. (c) |
| 5. Ans. (b)  | 35. Ans. (d) | 65. Ans. (c) | 95. Ans. (d)  | 125. Ans. (b) |
| 6. Ans. (d)  | 36. Ans. (c) | 66. Ans. (b) | 96. Ans. (d)  | 126. Ans. (b) |
| 7. Ans. (d)  | 37. Ans. (b) | 67. Ans. (c) | 97. Ans. (c)  | 127. Ans. (d) |
| 8. Ans. (b)  | 38. Ans. (b) | 68. Ans. (b) | 98. Ans. (c)  | 128. Ans. (d) |
| 9. Ans. (b)  | 39. Ans. (a) | 69. Ans. (d) | 99. Ans. (b)  | 129. Ans. (c) |
| 10. Ans. (a) | 40. Ans. (a) | 70. Ans. (d) | 100. Ans. (b) | 130. Ans. (a) |
| 11. Ans. (c) | 41. Ans. (a) | 71. Ans. (a) | 101. Ans. (a) | 131. Ans. (a) |
| 12. Ans. (b) | 42. Ans. (b) | 72. Ans. (d) | 102. Ans. (c) | 132. Ans. (a) |
| 13. Ans. (c) | 43. Ans. (c) | 73. Ans. (b) | 103. Ans. (a) | 133. Ans. (b) |
| 14. Ans. (a) | 44. Ans. (d) | 74. Ans. (b) | 104. Ans. (d) | 134. Ans. (b) |
| 15. Ans. (a) | 45. Ans. (d) | 75. Ans. (d) | 105. Ans. (c) | 135. Ans. (d) |
| 16. Ans. (d) | 46. Ans. (d) | 76. Ans. (b) | 106. Ans. (d) | 136. Ans. (c) |
| 17. Ans. (a) | 47. Ans. (d) | 77. Ans. (a) | 107. Ans. (a) | 137. Ans. (b) |
| 18. Ans. (c) | 48. Ans. (c) | 78. Ans. (b) | 108. Ans. (c) | 138. Ans. (c) |
| 19. Ans. (b) | 49. Ans. (d) | 79. Ans. (b) | 109. Ans. (a) | 139. Ans. (c) |
| 20. Ans. (b) | 50. Ans. (a) | 80. Ans. (b) | 110. Ans. (c) | 140. Ans. (b) |
| 21. Ans. (d) | 51. Ans. (b) | 81. Ans. (d) | 111. Ans. (d) | ○○○           |
| 22. Ans. (b) | 52. Ans. (c) | 82. Ans. (b) | 112. Ans. (b) |               |
| 23. Ans. (b) | 53. Ans. (a) | 83. Ans. (b) | 113. Ans. (c) |               |
| 24. Ans. (b) | 54. Ans. (d) | 84. Ans. (a) | 114. Ans. (a) |               |
| 25. Ans. (b) | 55. Ans. (c) | 85. Ans. (a) | 115. Ans. (a) |               |
| 26. Ans. (d) | 56. Ans. (d) | 86. Ans. (d) | 116. Ans. (b) |               |
| 27. Ans. (b) | 57. Ans. (a) | 87. Ans. (c) | 117. Ans. (d) |               |
| 28. Ans. (c) | 58. Ans. (b) | 88. Ans. (d) | 118. Ans. (d) |               |
| 29. Ans. (d) | 59. Ans. (d) | 89. Ans. (b) | 119. Ans. (d) |               |
| 30. Ans. (a) | 60. Ans. (d) | 90. Ans. (a) | 120. Ans. (c) |               |

**CHAPTER****7****OBJECTIVE QUESTIONS****Direction: 1 to 20**

In each of the following questions, four of the given five numbers are alike in a certain way and form a group. Which is the one that does not belong to that group in the following questions?

- |    |         |         |     |         |         |
|----|---------|---------|-----|---------|---------|
| 1. | (a) 144 | (b) 169 | 10. | (a) 18  | (b) 24  |
|    | (c) 256 | (d) 288 |     | (c) 36  | (d) 34  |
|    | (e) 324 |         | 11. | (a) 125 | (b) 729 |
| 2. | (a) 49  | (b) 56  |     | (c) 216 | (d) 512 |
|    | (c) 42  | (d) 35  | 12. | (a) 125 | (b) 216 |
|    | (e) 63  |         |     | (c) 729 | (d) 525 |
| 3. | (a) 25  | (b) 64  | 13. | (a) 27  | (b) 64  |
|    | (c) 189 | (d) 225 |     | (c) 125 | (d) 216 |
|    | (e) 121 |         | 14. | (a) 84  | (b) 120 |
| 4. | (a) 169 | (b) 225 |     | (c) 72  | (d) 108 |
|    | (c) 289 | (d) 441 | 15. | (a) 28  | (b) 42  |
|    | (e) 255 |         |     | (c) 35  | (d) 21  |
| 5. | (a) 49  | (b) 14  | 16. | (a) 26  | (b) 34  |
|    | (c) 21  | (d) 35  |     | (c) 72  | (d) 46  |
|    | (e) 42  |         | 17. | (a) 30  | (b) 24  |
| 6. | (a) 143 | (b) 168 |     | (c) 40  | (d) 35  |
|    | (c) 224 | (d) 195 | 18. | (a) 440 | (b) 170 |
|    | (e) 257 |         |     | (c) 226 | (d) 122 |
| 7. | (a) 83  | (b) 53  | 19. | (a) 26  | (b) 10  |
|    | (c) 37  | (d) 39  |     | (c) 48  | (d) 170 |
|    | (e) 29  |         | 20. | (a) 215 | (b) 143 |
| 8. | (a) 13  | (b) 43  |     | (c) 290 | (d) 91  |
|    | (c) 53  | (d) 23  |     | (e) 65  |         |
|    | (e) 63  |         |     |         |         |
| 9. | (a) 13  | (b) 17  |     |         |         |
|    | (c) 19  | (d) 27  |     |         |         |
|    | (e) 29  |         |     |         |         |

**Direction: 21 to 40**

In each of the following questions, three of the given four numbers are alike in a certain way and form a group. Which is the one that does not belong to that group in the following questions?

- |                    |         |  |
|--------------------|---------|--|
| <b>21.</b> (a) 43  | (b) 53  |  |
| (c) 63             | (d) 73  |  |
| <b>22.</b> (a) 27  | (b) 64  |  |
| (c) 125            | (d) 144 |  |
| <b>23.</b> (a) 121 | (b) 169 |  |
| (c) 225            | (d) 289 |  |
| <b>24.</b> (a) 97  | (b) 140 |  |
| (c) 112            | (d) 87  |  |
| <b>25.</b> (a) 15  | (b) 27  |  |
| (c) 37             | (d) 39  |  |
| <b>26.</b> (a) 119 | (b) 154 |  |
| (c) 85             | (d) 51  |  |
| <b>27.</b> (a) 64  | (b) 208 |  |
| (c) 316            | (d) 118 |  |
| <b>28.</b> (a) 65  | (b) 85  |  |
| (c) 35             | (d) 25  |  |
| <b>29.</b> (a) 12  | (b) 32  |  |
| (c) 40             | (d) 89  |  |
| <b>30.</b> (a) 63  | (b) 81  |  |
| (c) 121            | (d) 225 |  |
| <b>31.</b> (a) 9   | (b) 42  |  |
| (c) 48             | (d) 20  |  |
| <b>32.</b> (a) 16  | (b) 25  |  |
| (c) 35             | (d) 49  |  |
| <b>33.</b> (a) 144 | (b) 169 |  |
| (c) 196            | (d) 210 |  |
| <b>34.</b> (a) 131 | (b) 256 |  |
| (c) 196            | (d) 225 |  |
| <b>35.</b> (a) 11  | (b) 8   |  |
| (c) 14             | (d) 66  |  |
| <b>36.</b> (a) 68  | (b) 88  |  |
| (c) 102            | (d) 238 |  |
| <b>37.</b> (a) 72  | (b) 45  |  |
| (c) 18             | (d) 28  |  |

- |                   |         |
|-------------------|---------|
| <b>38.</b> (a) 18 | (b) 38  |
| (c) 49            | (d) 35  |
| <b>39.</b> (a) 78 | (b) 171 |
| (c) 117           | (d) 195 |
| <b>40.</b> (a) 9  | (b) 3   |
| (c) 7             | (d) 5   |

**Direction : 41 to 60**

In each of the following questions, four of the given five groups of letter are alike in a certain way and form a group. Which is the one that does not belong to that group in the following questions?

- |                     |          |
|---------------------|----------|
| <b>41.</b> (a) HGFE | (b) PONM |
| (c) WXYZ            | (d) NMLK |
| <b>42.</b> (a) JIHG | (b) RQPO |
| (c) WXUV            | (d) UTSR |
| (e) NMLK            |          |
| <b>43.</b> (a) RTVX | (b) NPRT |
| (c) GHJL            | (d) MOQS |
| (e) ACEG            |          |
| <b>44.</b> (a) BD   | (b) CE   |
| (c) GI              | (d) FH   |
| (e) NL              |          |
| <b>45.</b> (a) BD   | (b) KM   |
| (c) HK              | (d) PR   |
| (e) TV              |          |
| <b>46.</b> (a) CE   | (b) KI   |
| (c) FD              | (d) WU   |
| (e) MK              |          |
| <b>47.</b> (a) HJ   | (b) PR   |
| (c) NP              | (d) BE   |
| (e) VX              |          |
| <b>48.</b> (a) KLL  | (b) DED  |
| (c) GHG             | (d) ABA  |
| (e) BCB             |          |
| <b>49.</b> (a) DOG  | (b) DIN  |
| (c) OUT             | (d) FED  |
| (e) JOT             |          |

- |     |          |          |  |
|-----|----------|----------|--|
| 50. | (a) JKL  | (b) GHI  | <i>Direction: 61 to 108</i>  |
|     | (c) OPQ  | (d) ILT  | <i>In each of the following questions, four of the given five words are alike in a certain way and form a group. Which is the one that does not belong to that group in the following questions?</i> |
| 51. | (a) BFE  | (b) HLK  |  |
|     | (c) DHG  | (d) JNR  | 61. (a) KEROSENE      (b) WATER  |
|     | (e) CGF  |          | (c) PERTOL      (d) L.P.G  |
| 52. | (a) CJQ  | (b) AGA  | (e) DIESEL   |
|     | (c) HOV  | (d) ELS  | 62. (a) BENCH      (b) CHAIR   |
|     | (e) KRY  |          | (c) WOOD      (d) SOFA   |
| 53. | (a) HK   | (b) LJ   | (e) CUPBOARD   |
|     | (c) BD   | (d) RP   | 63. (a) CYCLING      (b) REASONING   |
|     | (e) LN   |          | (c) DECODING      (d) ANALOGY  |
| 54. | (a) HK   | (b) BD   | 64. (a) BUS      (b) TRAIN   |
|     | (c) FI   | (d) MP   | (c) TRUCK      (d) WHEEL   |
|     | (e) SV   |          | 65. (a) CUPBOARD      (b) BOX  |
| 55. | (a) MP   | (b) KN   | (c) DRAWER      (d) SHELF  |
|     | (c) UW   | (d) DG   | (e) MIRROR   |
|     | (e) FI   |          | 66. (a) SAND      (b) CEMENT   |
| 56. | (a) PS   | (b) FI   | (c) BUILDING      (d) WOOD   |
|     | (c) AD   | (d) KN   | (e) BRICK  |
|     | (e) GD   |          | 67. (a) BOY      (b) GIRL  |
| 57. | (a) RU   | (b) BE   | (c) WOMAN      (d) MAN   |
|     | (c) FI   | (d) AD   | (e) CHILD  |
|     | (e) IM   |          | 68. (a) GRANDCHILD      (b) NIECE  |
| 58. | (a) UR   | (b) PS   | (c) UNCLE      (d) GRANDFATHER   |
|     | (c) QT   | (d) SR   | (e) NEPHEW   |
|     | (e) RO   |          | 69. (a) RADISH      (b) GINGER   |
| 59. | (a) IMTD | (b) CGNX | (c) TURMERIC      (d) POTATO   |
|     | (c) JNUE | (d) AELV | (e) CABBAGE  |
|     | (e) ORYJ |          | 70. (a) APPLE      (b) ORANGE  |
| 60. | (a) RNPT | (b) PRSU | (c) PAPAYA      (d) ROSE   |
|     | (c) BDEG | (d) KMNP | (e) GUAVA  |
|     | (e) UWXZ |          | 71. (a) MOUNT      (b) FORT  |
|     |          |          | (c) HILL      (d) RIVER  |
|     |          |          | (e) PLATEAU  |

72.	(a) FRUITS (c) LEAF (e) TREE	(b) FLOWER (d) PETAL	84.	(a) WATER (c) WIND (e) ACID	(b) TREE (d) FRUITS
73.	(a) LEAF (c) FRUIT (e) ROOT	(b) FLOWER (d) BUD	85.	(a) BUILDING (c) VEHICLE (c) MACHINE	(b) TOY (d) HILL
74.	(a) TOMATO (c) RADISH (e) BOTTLEGUARD	(b) BRINJAL (d) PUMPKIN	86.	(a) GREEN (c) GREY (c) BLUE	(b) YELLOW (d) RED
75.	(a) TOMATO (c) CARROT (e) TURMERIC	(b) POTATO (d) GINGER	87.	(a) VIOLET (c) RED (e) PINK	(b) BLUE (d) YELLOW
76.	(a) LOTUS (c) ROSE (e) PETAL	(b) LILY (d) MARIGOLD	88.	(a) BLUE (c) YELLOW (e) BLACK	(b) GREEN (d) VIOLET
77.	(a) ROSE (c) LOTUS (e) JASMINE	(b) MARIGOLD (d) JAYAKUSUM	89.	(a) BROTHER (c) MOTHER (c) FATHER	(b) GRANDCHILD (d) GRANDMOTHER
78.	(a) IRON (c) ZINC (e) BRASS	(b) COPPER (d) ALUMINIUM	90.	(a) CRICKET (c) CHESS (e) BADMINTON	(b) VOLLYBALL (d) TABLE TENNIS
79.	(a) MICA (c) IRON (e) ALUMINIUM	(b) ZINC (d) CHLORINE	91.	(a) DOGS (c) GOAT (c) COWS	(b) CAT (d) GIRAFFE
80.	(a) STEEL (c) COPPER (e) MERCURY	(b) BRONZE (d) ZINC	92.	(a) PAPER (c) PEN (c) HYLITER	(b) PENCIL (d) MARKER
81.	(a) WHEAT (c) PADDY (c) SESAME	(b) MILLET (d) SORGHUM	93.	(a) PAPER (c) COTTON (e) PLASTIC	(b) WOOL (d) WOOD
82.	(a) WHEAT (c) FOOD (c) RICE	(b) CABBAGE (d) BRINJAL	94.	(a) JUNE (c) JANUARY (e) MAY	(b) DECEMBER (d) JULY
83.	(a) COCONUT (c) LILY (e) MARIGOLD	(b) LOTUS (d) ROSE	95.	(a) SHAMPOO (c) HAIR OIL (c) SOAP	(b) POWDER (d) COSMETIC
			96.	(a) BIOLOGY (c) PATHOLOGY (e) GESTROLOGY	(b) CARDIOLOGY (d) RADIOLOGY

97.	(a) EARTH (c) JUPITER (e) MOON	(b) MARS (d) MERCURY	104. (a) SLEEP (c) EXERCISING (e) RUNNING	(b) WALKING (d) JUMPING
98.	(a) PARAGRAPH (c) PAGE (e) ALPHABET	(b) SENTENCE (d) WORD	105. (a) TABLE (c) BENCH (e) WOOD	(b) CHAIR (d) DESK
99.	(a) CURD (c) BUTTER (e) MILK	(b) GHEE (d) PANEER	106. (a) MUMBAI (c) HYDERABAD (e) ALLAHABAD	(b) BHUVENESHWAR (d) JAIPUR
100.	(a) METER (c) INCH (e) FEET	(b) POUND (d) YARD	107. (a) DISTRICT (c) MARKET (e) CITY	(b) BLOCK (d) VILLAGE
101.	(a) COURT (c) ADVOCATE (e) JOURNALIST	(b) ENGINEER (d) DOCTOR	108. (a) KOLKATA (b) VISHAKHAPATNAM (c) BENGALURU (d) HALDIA	
102.	(a) RUPEE (c) LIRA (e) DINAR	(b) YEN (d) CURRENCY		OOO
103.	(a) TALKING (c) WRITTING (e) READING	(b) BLINKING (d) SIT		

## ANSWER KEY

- |              |              |              |               |
|--------------|--------------|--------------|---------------|
| 1. Ans. (d)  | 28. Ans. (c) | 55. Ans. (c) | 82. Ans. (c)  |
| 2. Ans. (a)  | 29. Ans. (d) | 56. Ans. (e) | 83. Ans. (a)  |
| 3. Ans. (c)  | 30. Ans. (a) | 57. Ans. (e) | 84. Ans. (e)  |
| 4. Ans. (e)  | 31. Ans. (a) | 58. Ans. (d) | 85. Ans. (d)  |
| 5. Ans. (a)  | 32. Ans. (c) | 59. Ans. (e) | 86. Ans. (c)  |
| 6. Ans. (e)  | 33. Ans. (d) | 60. Ans. (a) | 87. Ans. (e)  |
| 7. Ans. (d)  | 34. Ans. (a) | 61. Ans. (b) | 88. Ans. (e)  |
| 8. Ans. (e)  | 35. Ans. (a) | 62. Ans. (c) | 89. Ans. (b)  |
| 9. Ans. (d)  | 36. Ans. (b) | 63. Ans. (a) | 90. Ans. (c)  |
| 10. Ans. (c) | 37. Ans. (d) | 64. Ans. (d) | 91. Ans. (d)  |
| 11. Ans. (e) | 38. Ans. (c) | 65. Ans. (e) | 92. Ans. (a)  |
| 12. Ans. (d) | 39. Ans. (b) | 66. Ans. (c) | 93. Ans. (e)  |
| 13. Ans. (e) | 40. Ans. (a) | 67. Ans. (e) | 94. Ans. (a)  |
| 14. Ans. (e) | 41. Ans. (c) | 68. Ans. (a) | 95. Ans. (d)  |
| 15. Ans. (e) | 42. Ans. (c) | 69. Ans. (e) | 96. Ans. (a)  |
| 16. Ans. (c) | 43. Ans. (c) | 70. Ans. (d) | 97. Ans. (e)  |
| 17. Ans. (b) | 44. Ans. (e) | 71. Ans. (b) | 98. Ans. (c)  |
| 18. Ans. (a) | 45. Ans. (c) | 72. Ans. (e) | 99. Ans. (e)  |
| 19. Ans. (c) | 46. Ans. (a) | 73. Ans. (e) | 100. Ans. (b) |
| 20. Ans. (a) | 47. Ans. (d) | 74. Ans. (c) | 101. Ans. (a) |
| 21. Ans. (c) | 48. Ans. (a) | 75. Ans. (a) | 102. Ans. (d) |
| 22. Ans. (d) | 49. Ans. (c) | 76. Ans. (e) | 103. Ans. (d) |
| 23. Ans. (c) | 50. Ans. (d) | 77. Ans. (c) | 104. Ans. (a) |
| 24. Ans. (a) | 51. Ans. (d) | 78. Ans. (e) | 105. Ans. (e) |
| 25. Ans. (c) | 52. Ans. (b) | 79. Ans. (d) | 106. Ans. (e) |
| 26. Ans. (b) | 53. Ans. (a) | 80. Ans. (e) | 107. Ans. (c) |
| 27. Ans. (a) | 54. Ans. (b) | 81. Ans. (e) | 108. Ans. (d) |

## CHAPTER

## 8

## MATHEMATICAL OPERATION

## OBJECTIVE QUESTIONS

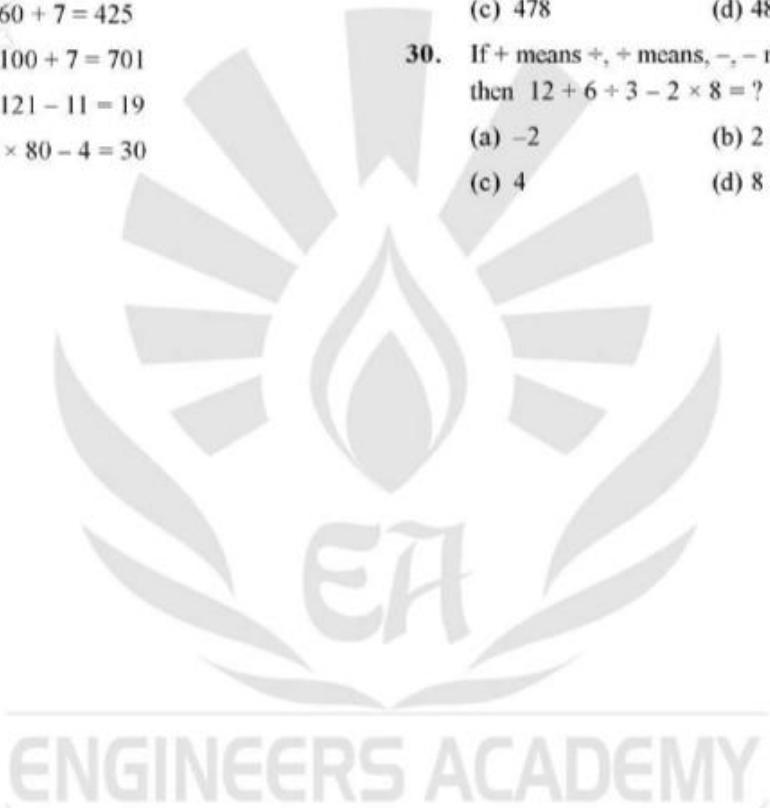
1. If  $\times$  Means  $+$ ,  $\div$  Means  $-$ ,  $+$  Means  $\times$  and  $-$  Means  $\div$  then  $20 \times 8 \div 8 - 4 + 2 = ?$
- 28
  - 24
  - 26
  - 22
  - None of these
2. If  $+$  Means  $+$ ,  $-$  Means  $+$ ,  $\times$  Means  $-$  and  $\div$  Means  $\times$  then  $21 \div 8 + 2 - 13 \times 3 = ?$
- 96
  - 94
  - 98
  - 90
  - None of these
3. If  $\times$  Means  $-$ ,  $+$  Means  $+$ ,  $-$  Means  $\times$  and  $\div$  Means  $+$  then  $15 - 2 \div 900 + 90 \times 100 = ?$
- 40
  - 80
  - 60
  - 20
  - None of these
4. If  $+$  Means  $+$ ,  $-$  Means  $+$ ,  $\times$  Means  $-$  and  $\div$  Means  $\times$  then  $8 \div 4 - 6 + 3 \times 4 = ?$
- 8
  - 46
  - 4
  - 13
  - None of these
5. If  $+$  Means  $+$ ,  $\times$  Means  $-$ ,  $+$  Means  $\times$  and  $-$  Means  $+$  then  $9 + 3 \div 4 - 8 \times 2 = ?$
- $-6\frac{1}{4}$
  - $6\frac{1}{4}$
  - $1\frac{3}{4}$
  - 18
  - None of these
6. If  $\times$  Means  $-$ ,  $-$  Means  $+$ ,  $\div$  Means  $\times$  and  $+$  Means  $\div$  then  $8 - 12 + 4 \times 3 \div 3 = ?$
- 35
  - 12
  - 2
  - 4
  - None of these
7. If  $+$  Means  $+$ ,  $-$  Means  $\times$ ,  $+$  Means  $-$  and  $\times$  Means  $+$  then  $8 + 6 \div 4 - 7 \times 3 = ?$
- 23 / 2
  - 12
  - 42 / 3
  - 71 / 3
  - None of these
8. If  $-$  Means  $+$ ,  $\times$  Means  $+$ ,  $+$  Means  $\times$  and  $\div$  Means  $-$  then, which of the following equation is correct?
- $4 - 2 \times 10 \div 2 \div 2 = 20$
  - $4 + 2 - 10 \times 2 \div 2 = 20$
  - $4 - 2 \times 2 + 10 \div 2 = 20$
  - $4 \div 2 - 10 \times 2 + 2 = 20$
  - None of these
9. If A Means  $\times$ , B Means  $\div$ , C Means  $-$  and D Means  $+$  then  $4 D 16 A 5 B 8 C 5 = ?$
- 9
  - 16
  - 13
  - 7.5
  - 12
10. If A Means  $+$ , B Means  $-$ , C Means  $\times$  then  $(10C4)A(4C4)B6 = ?$
- 60
  - 50
  - 40
  - 70
  - None of these
11. If A  $\div$  B Means  $A - B$ , A  $+ B$  Means  $A \times B$ , A  $- B$  Means  $A + B$  and A  $\times B$  Means  $A \div B$  then  $5 - 24 \times 4 + 2 \div 3 = ?$
- 18
  - 16
  - 13
  - 14
  - None of these

12. If A Means +, B Means -, C Means  $\times$  and D Means  $\div$  then, which of the following equation is correct?
- $8 B 6 D 3 A 4 C 3 = 15$
  - $9 C 9 B 9 D 9 A 9 = 17$
  - $3 A 3 B 3 C 3 D 3 = 41$
  - $8 A 8 B 8 C 8 = -48$
  - None of these
13. If a Means  $\times$ , b Means  $\div$ , c Means + and d Means - then  $21 c 3 d 6 a 8 b 2 = ?$
- 72
  - 0
  - 48
  - 1
  - None of these
14. If  $<$  Means -,  $>$  Means +,  $=$  Means  $\times$  and \$ Means ' $\div$ ' then  $27 > 81 \$ 9 < 6 = ?$
- 54
  - 33
  - 6
  - None of these
15. If 'R' Means '+', 'T' Means ' $\div$ ', 'W' Means '-' and 'B' Means ' $\times$ ' then  $15 W 12 T 8 R 2 B 6 = ?$
- $\frac{11}{12}$
  - $3\frac{2}{3}$
  - 27
  - 3
  - None of these
16. Which of the following set of number denote perfect square number of two digit even number?
- $1^{**}4$
  - $1^{**}5$
  - $3^{**}8$
  - $2^{**}8$
  - \*4
17. Which of the following number is immediate next to middle number in between 37 to 57?
- 47
  - 46
  - 48
  - 49
  - None of these
18. How many such numbers are there in between 21 to 60, which are neither divided by 4 nor contain 4?
- 20
  - 19
  - 23
  - 26
  - None of these
19. If '+' means  $\times$ , '-' means  $\div$ , ' $\times$ ' means - and ' $\div$ ' means +, then what will be the value of  $16 \div 64 - 8 \times 4 + 2 = ?$
- 12
  - 24
  - 16
  - 18
20. After interchanging + and -, 8 and 7, which one of the following becomes correct?
- $6 + 8 \times 2 - 7 = 0$
  - $8 \times 2 + 7 - 6 = 9$
  - $7 \times 8 + 6 - 9 = 25$
  - $8 - 7 + 3 \times 5 = 35$
21. If  $+ = \times$ ,  $- = +$ ,  $\times = +$ ,  $\div = -$  then which is the correct equation out the following?
- $18 + 6 - 4 \times 2 \div 3 = 26$
  - $18 \div 6 + 4 - 2 + 3 = 22$
  - $18 \times 6 - 4 + 7 \times 8 = 47$
  - $18 - 6 \times 7 + 2 + 8 = 63$
22. If + stands for division;  $\times$  stands for addition; - stands for multiplication  $\div$  stands for subtraction, which of the following is correct?
- $46 \times 6 \div 4 - 5 + 3 = 74$
  - $46 - 6 + 4 \times 5 \div 3 = 71$
  - $46 \div 6 \times 4 - 5 + 3 = 75.5$
  - $46 \times 6 - 4 + 5 \div 3 = 70.1$
23. Select the set of symbols which can be fitted correctly in the following equation:  

$$\underline{8} \ _{-} \ \underline{4} \ _{-} \ \underline{2} \ _{-} \ \underline{6} \ _{-} \ \underline{3} = 32$$
- $+, +, \times, -$
  - $+, \times, +, -$
  - $- , \times, +, +$
  - $\times, -, +, \div$
24. If 'a' represent +, 'b' represents  $\div$ , 'c' represents - and 'd' represents  $\times$  then  $24 a 6 d 4 b 9 c 8 = ?$
- 17
  - 6
  - 20
  - 19
25. If ' $\times$ ' mean ' $-$ ', ' $+$ ' means ' $+$ ', ' $+$ ' means ' $\times$ ', then find the value of given equation  

$$(16 \times 5) \div 5 + 3 = ?$$
- 62
  - 10
  - 2
  - 26

26. If 'P' means '+', 'Q' means ' $\times$ ', 'R' means ' $\div$ ' and 'S' means ' $-$ ' then what is the value of  $18 \text{ Q } 12 \text{ P } 4 \text{ R } 5 \text{ S } 6 = ?$
- 65
  - 36
  - 53
  - 59
  - None of these
27. In the following question, select the choice which represents right solution given that ' $+$ ' stands for multiplication, ' $\times$ ' stands for addition, ' $-$ ' stands for division and ' $\div$ ' stands for subtraction.
- $20 - 5 \times 60 + 7 = 425$
  - $18 - 9 \times 100 + 7 = 701$
  - $64 - 8 \times 121 - 11 = 19$
  - $121 - 10 \times 80 - 4 = 30$
28. If ' $+$ ' means 'divided by', ' $-$ ' means 'added to', ' $\times$ ' means 'subtracted from' and ' $\div$ ' means 'multiplied by', then what is the value of  $24 + 12 - 18 \div 9 ?$
- 25
  - 0.72
  - 15.30
  - 290
29. If '+' stands for  $\times$ , '-' for  $\div$ ,  $\times$  for - and  $\div$  for +, find the value of  $26 + 74 - 4 \times 5 \div 2$ .
- 220
  - 376
  - 478
  - 488
30. If '+' means  $\div$ ,  $\div$  means  $-$ ,  $-$  means  $\times$ ,  $\times$  means  $+$ , then  $12 + 6 \div 3 - 2 \times 8 = ?$
- 2
  - 2
  - 4
  - 8



○○○

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**ANSWER KEY**

- |             |              |              |              |
|-------------|--------------|--------------|--------------|
| 1. Ans. (b) | 9. Ans. (a)  | 17. Ans. (c) | 25. Ans. (d) |
| 2. Ans. (b) | 10. Ans. (b) | 18. Ans. (a) | 26. Ans. (c) |
| 3. Ans. (c) | 11. Ans. (d) | 19. Ans. (c) | 27. Ans. (c) |
| 4. Ans. (e) | 12. Ans. (d) | 20. Ans. (a) | 28. Ans. (d) |
| 5. Ans. (d) | 13. Ans. (b) | 21. Ans. (a) | 29. Ans. (c) |
| 6. Ans. (c) | 14. Ans. (d) | 22. Ans. (b) | 30. Ans. (c) |
| 7. Ans. (d) | 15. Ans. (c) | 23. Ans. (d) |              |
| 8. Ans. (c) | 16. Ans. (a) | 24. Ans. (a) | ○○○          |



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## FIND MISSING CHARACTER

## OBJECTIVE QUESTIONS

**Direction: 1 to 85**

Find the missing character in each of the following

46	58
34	?

- (a) 92                         (b) 72  
 (c) 22                         (d) 68

?	8
14	10

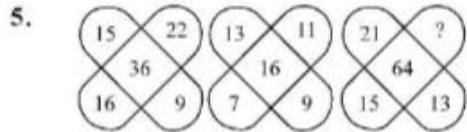
- (a) 20                         (b) 16  
 (c) 12                         (d) 17

5	5	2
2	4	1
8	3	10
40	30	?

- (a) 10                         (b) 12  
 (c) 13                         (d) 20

2	12	?
50	300	550
10	60	110
124	744	1364

- (a) 22                         (b) 33  
 (c) 44                         (d) 55



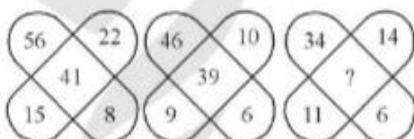
- (a) 23                         (b) 19  
 (c) 20                         (d) 22

5	4	9
6	3	?
7	2	4
65	20	45

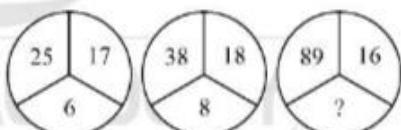
- (a) 04                         (b) 02  
 (c) 03                         (d) 01

5	9	15
16	29	?
49	89	147

- (a) 45                         (b) 48  
 (c) 51                         (d) 54



- (a) 25                         (b) 52  
 (c) 12                         (d) 48



- (a) 13                         (b) 15  
 (c) 17                         (d) 19



- (a) 21                         (b) 35  
 (c) 28                         (d) 9

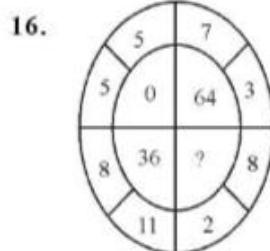
- 11.
- 
- (a) 3      (b) 4  
(c) 5      (d) 6

- 12.
- 
- (a) 13      (b) 14  
(c) 20      (d) 21

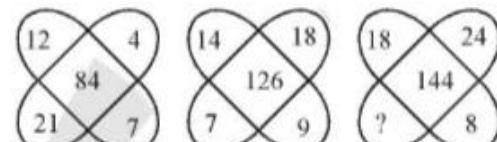
- 13.
- 
- (a) 20      (b) 37  
(c) 55      (d) 13

- 14.
- 
- (a) 65      (b) 72  
(c) 61      (d) 63

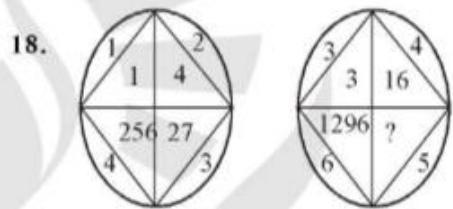
- 15.
- 
- (a) 31      (b) 229  
(c) 234      (d) 312



- (a) 0      (b) 125  
(c) 100      (d) 144



- (a) 8      (b) 4  
(c) 6      (d) 12



- (a) 25      (b) 64  
(c) 125      (d) 80

19.

25	16	64
144	?	324
49	36	100

- (a) 81      (b) 18  
(c) 100      (d) 144

20.

16	25	40
10	15	20
169	400	?

- (a) 625      (b) 900  
(c) 400      (d) 200

21.

5	12	7
?	10	1
6	2	16

(a) 7

(c) 11

(b) 13

(d) 12

22. 12 14 16

5 9 6

10 16 ?

50 110 84

(a) 11

(c) 14

(b) 12

(d) 18

23. 144 (132) 121

64 (?) 100

(a) 70

(c) 85

(b) 80

(d) 90

24.

25	49	81
5	7	?
15	13	11
20	20	20

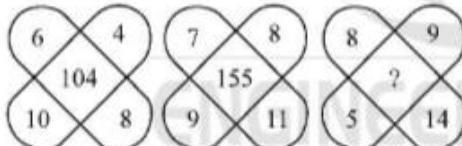
(a) 9

(c) 61

(b) 3

(d) 31

25.



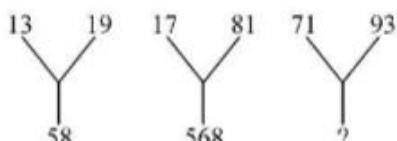
(a) 152

(c) 140

(b) 164

(d) 142

26.



(a) 94

(c) 98

(b) 96

(d) 100

27. If  $11(170)16, 11(203)19$  then what is the value of  $17(?)18$ 

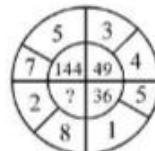
(a) 200

(b) 300

(c) 400

(d) None of these

28.



(a) 100

(c) 64

(b) 81

(d) 121

29.



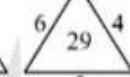
(a) 25

(c) 17

(b) 15

(d) 18

30.



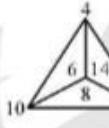
(a) 25

(c) 41

(b) 37

(d) 47

31.



(a) 10

(c) 6

(b) 5

(d) 8

32.



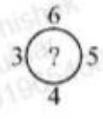
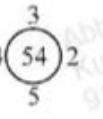
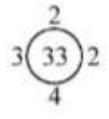
(a) 184

(c) 241

(b) 210

(d) 425

33.



(a) 78

(c) 94

(b) 82

(d) 86

- 34.
- |   |    |   |    |   |    |    |
|---|----|---|----|---|----|----|
|   | 10 |   | 15 |   | 2  |    |
| 6 | 8  | 4 | 18 | 8 | 14 | 13 |
|   | 8  |   | 11 |   | 9  |    |
- (a) 8      (b) 12  
(c) 70     (d) 118

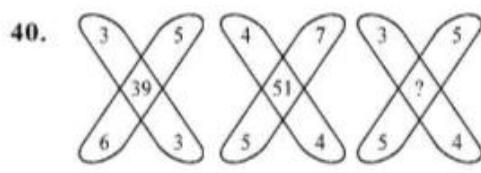
- 35.
- 
- (a) 937      (b) 824  
(c) 769      (d) 678

- 36.
- 
- (a) 13      (b) 15  
(c) 36      (d) 16

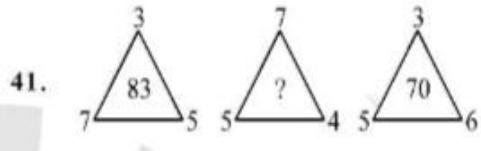
- 37.
- |    |    |   |
|----|----|---|
| 4  | 5  | 6 |
| 2  | 3  | 7 |
| 1  | 8  | 3 |
| 21 | 98 | ? |
- (a) 94      (b) 76  
(c) 73      (d) 16

- 38.
- |    |    |    |
|----|----|----|
| 7  | 4  | 5  |
| 8  | 7  | 6  |
| 3  | 3  | ?  |
| 29 | 19 | 31 |
- (a) 3      (b) 4  
(c) 5      (d) 6

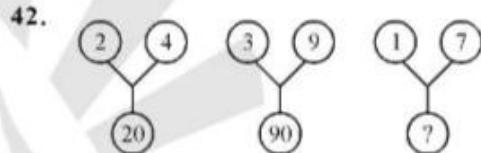
- 39.
- |     |    |     |
|-----|----|-----|
| 4C  | 2B | 3A  |
| 28A | ?  | 45B |
| 7C  | 5A | 15B |
- (a) 10C      (b) 12C  
(c) 13C     (d) 7C



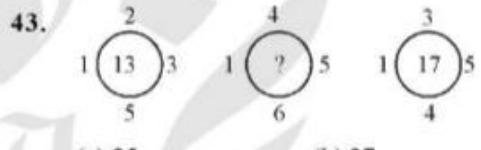
- (a) 47      (b) 45  
(c) 37      (d) 35



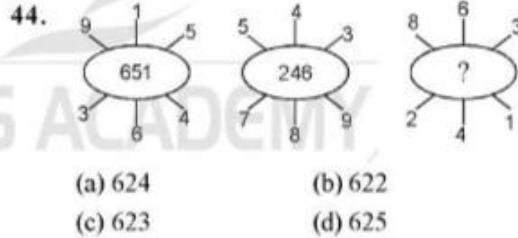
- (a) 16      (b) 81  
(c) 80      (d) 90



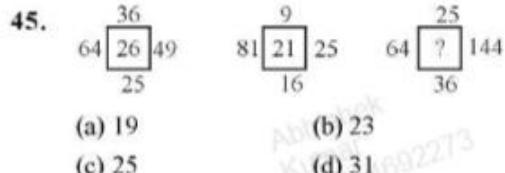
- (a) 20      (b) 75  
(c) 50      (d) 25



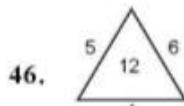
- (a) 25      (b) 27  
(c) 29      (d) 21



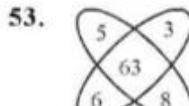
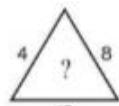
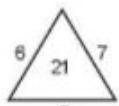
- (a) 624      (b) 622  
(c) 623      (d) 625



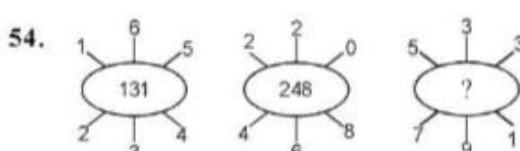
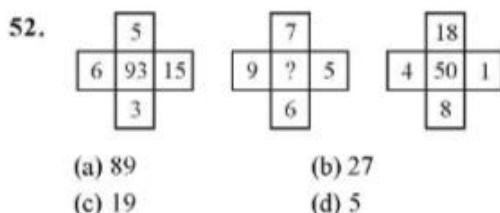
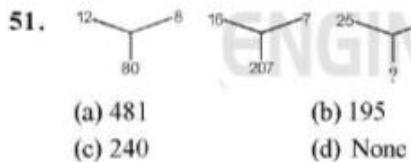
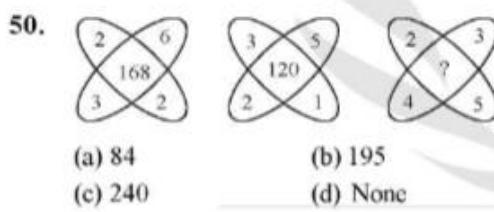
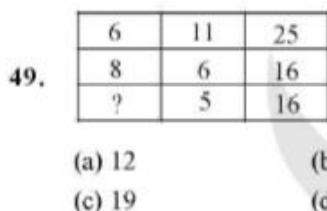
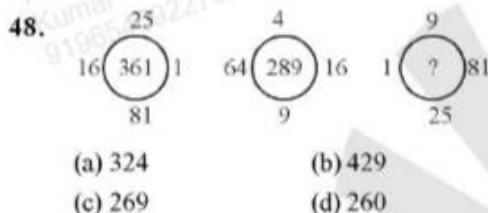
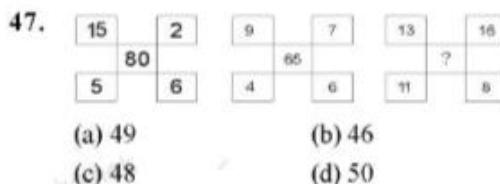
- (a) 19      (b) 23  
(c) 25      (d) 31



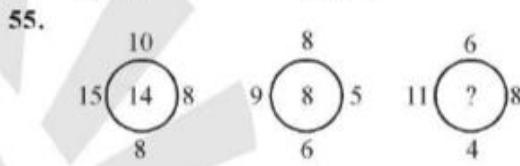
- (a) 310  
(b) 35  
(c) 320  
(d) 32



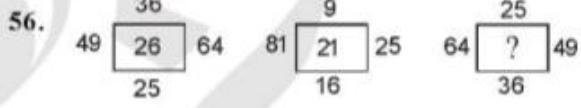
- (a) 26  
(b) 83  
(c) 82  
(d) 86



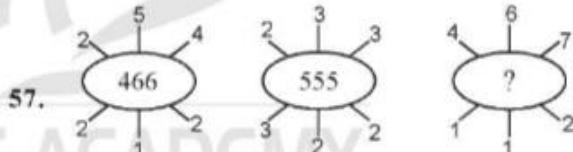
- (a) 210  
(b) 225  
(c) 262  
(d) 226



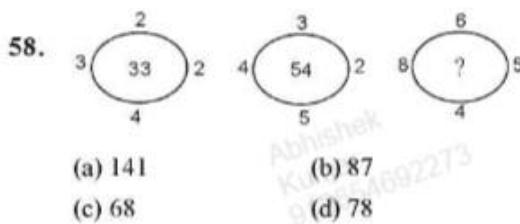
- (a) 6  
(b) 8  
(c) 9  
(d) 12



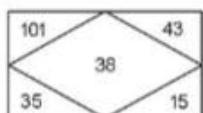
- (a) 26  
(b) 25  
(c) 30  
(d) 33



- (a) 687  
(b) 579  
(c) 467  
(d) 867



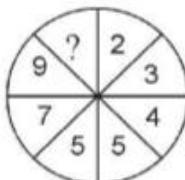
59.



- (a) 142  
(b) 145  
(c) 144  
(d) 180



64.



- (a) 10  
(b) 22  
(c) 11  
(d) 9

60.

3	6	9
8	4	12
4	2	?
6	12	9

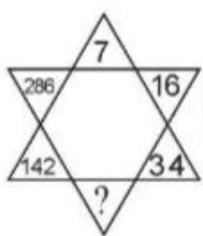
- (a) 3  
(b) 6  
(c) 12  
(d) 15

65.

14	9	12	20
4	9	8	10
12	13	7	20
3	3	11	?
20	42	19	40

- (a) 2  
(b) 8  
(c) 12  
(d) 14

61.



- (a) 70  
(b) 74  
(c) 68  
(d) 71

66.

5	6	12
4	3	4
2	3	?
18	27	96

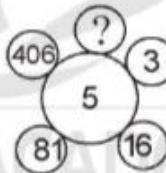
- (a) 4  
(b) 5  
(c) 3  
(d) 6

62.

10	17	8
5	3	15
6	14	?
42	68	92

- (a) 23  
(b) 10  
(c) 25  
(d) 46

67.



- (a) 2131  
(b) 2031  
(c) 2113  
(d) 1321

63.

4	9	17	6
20	5	8	9
7	23	9	9
?	9	4	19

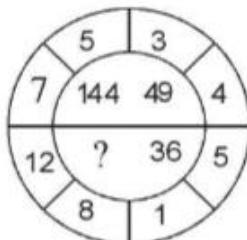
- (a) 7  
(b) 9  
(c) 8  
(d) 6

68.

A <sub>2</sub>	C <sub>4</sub>	E <sub>6</sub>
G <sub>1</sub>	I <sub>3</sub>	?
M <sub>5</sub>	O <sub>9</sub>	Q <sub>14</sub>

- (a) L<sub>10</sub>  
(b) K<sub>15</sub>  
(c) K<sub>8</sub>  
(d) I<sub>15</sub>

69.



- (a) 225  
(c) 400
- (b) 36  
(d) 144

70.

1	4	?
4	2	5
2	2	3
49	64	169

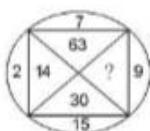
- (a) 3  
(c) 5
- (b) 6  
(d) 4

71.

9	4	20
8	5	12
7	6	?

- (a) 2  
(c) 6
- (b) 4  
(d) 9

72.



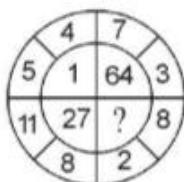
- (a) 134  
(c) 135
- (b) 215  
(d) 144

73.

81	121	225
9	11	15
63	?	105

- (a) 77  
(c) 54
- (b) 68  
(d) 52

74.



- (a) 210  
(c) 196
- (b) 205  
(d) 216

75.

A	D	H
F	I	M
?	N	R

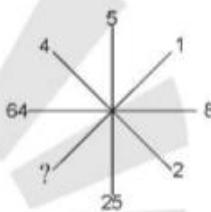
- (a) K  
(c) O
- (b) N  
(d) P

76.

B	G	N
D	J	R
G	N	?

- (a) U  
(c) W
- (b) V  
(d) X

77.



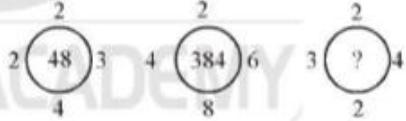
- (a) 1  
(c) 2
- (b) 4  
(d) 6

78.



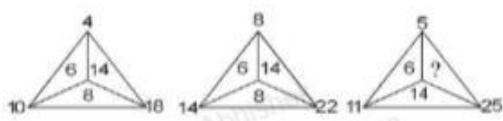
- (a) 125  
(c) 251
- (b) 512  
(d) 215

79.

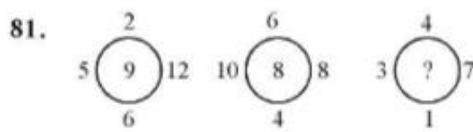


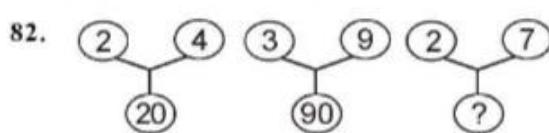
- (a) 42  
(c) 46
- (b) 44  
(d) 48

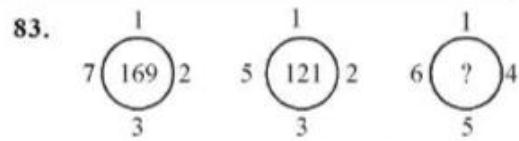
80.

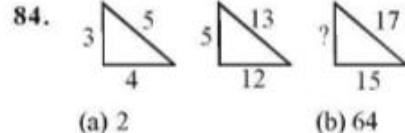


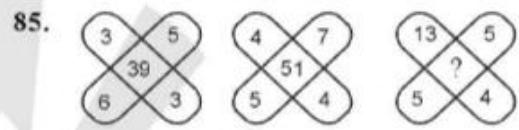
- (a) 9  
(c) 20
- (b) 11  
(d) 12

81.   
 (a) 15      (b) 6      (c) 7      (d) 8

82.   
 (a) 55      (b) 50      (c) 52      (d) 53

83.   
 (a) 256      (b) 246      (c) 250      (d) 196

84.   
 (a) 2      (b) 64      (c) 8      (d) 6

85.   
 (a) 77      (b) 40      (c) 38      (d) 35

OOO

**ANSWER KEY**

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. Ans. (c)  | 23. Ans. (b) | 45. Ans. (d) | 67. Ans. (b) |
| 2. Ans. (a)  | 24. Ans. (a) | 46. Ans. (d) | 68. Ans. (c) |
| 3. Ans. (a)  | 25. Ans. (d) | 47. Ans. (c) | 69. Ans. (c) |
| 4. Ans. (a)  | 26. Ans. (d) | 48. Ans. (a) | 70. Ans. (c) |
| 5. Ans. (a)  | 27. Ans. (b) | 49. Ans. (a) | 71. Ans. (b) |
| 6. Ans. (d)  | 28. Ans. (a) | 50. Ans. (b) | 72. Ans. (c) |
| 7. Ans. (b)  | 29. Ans. (c) | 51. Ans. (a) | 73. Ans. (a) |
| 8. Ans. (a)  | 30. Ans. (c) | 52. Ans. (a) | 74. Ans. (d) |
| 9. Ans. (b)  | 31. Ans. (a) | 53. Ans. (c) | 75. Ans. (a) |
| 10. Ans. (b) | 32. Ans. (a) | 54. Ans. (c) | 76. Ans. (c) |
| 11. Ans. (b) | 33. Ans. (d) | 55. Ans. (a) | 77. Ans. (a) |
| 12. Ans. (b) | 34. Ans. (b) | 56. Ans. (a) | 78. Ans. (a) |
| 13. Ans. (b) | 35. Ans. (d) | 57. Ans. (b) | 79. Ans. (d) |
| 14. Ans. (c) | 36. Ans. (b) | 58. Ans. (a) | 80. Ans. (c) |
| 15. Ans. (c) | 37. Ans. (a) | 59. Ans. (a) | 81. Ans. (c) |
| 16. Ans. (d) | 38. Ans. (c) | 60. Ans. (c) | 82. Ans. (d) |
| 17. Ans. (c) | 39. Ans. (a) | 61. Ans. (a) | 83. Ans. (a) |
| 18. Ans. (c) | 40. Ans. (c) | 62. Ans. (a) | 84. Ans. (c) |
| 19. Ans. (c) | 41. Ans. (d) | 63. Ans. (c) | 85. Ans. (a) |
| 20. Ans. (b) | 42. Ans. (c) | 64. Ans. (c) |              |
| 21. Ans. (b) | 43. Ans. (c) | 65. Ans. (b) |              |
| 22. Ans. (b) | 44. Ans. (b) | 66. Ans. (d) |              |

OOO

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## BLOOD RELATION

### OBJECTIVE QUESTIONS

*Direction : 1 to 3*

A + B means A is daughter of B

A × B means A is son of B

A - B means A wife of B

1. P × Q - S then, How S is related to P?

- (a) Son
- (b) Wife
- (c) Father
- (d) None of these

2. T - S × B - M then, How M is related to T?

- (a) Father in law
- (b) Grandfather
- (c) Father
- (d) None of these

3. Z × T - S × U + P then, How U related to Z?

- (a) Grandfather
- (b) Grandmother
- (c) Maternal uncle
- (d) None of these

*Direction : 4 to 6*

A + B means A is father of B

A × B means A is daughter of B

A + B means A is brother of B

A - B means A is wife of B

4. L - M + F then, How F is related to L?

- (a) Son
- (b) Daughter
- (c) Nephew
- (d) None of these

5. Which of the following expression shows that J is son of D?

- (a) D + L × H + J
- (b) J + P × D
- (c) J + P - D
- (d) T - D + J

6. H + K × R, How R is related to H in given expression?

- (a) Husband
- (b) Brother
- (c) Wife
- (d) Mother
- (e) None of these

*Direction : 7 to 9*

A × B means A is wife of B

A + B means A is brother of B

A + B means A is daughter of B

A - B means A is son of B

7. P × Q - T + R then, How T is related to P?

- (a) Father in law
- (b) Mother in law
- (c) Maternal uncle
- (d) None of these

8. P + R × T - Q then, How Q is related to P?

- (a) Uncle
- (b) Brother in law
- (c) Grandfather
- (d) None of these

9. P - Q + R ÷ T then, How R is related to Q?

- (a) Brother
- (b) Sister
- (c) Mother
- (d) None of these

10. If P × Q means Q is mother of P, P + Q means P is father of Q, P - Q means P is brother of Q, P ÷ Q means Q is son of P, then K - M + R means which of the following ?

- (a) M, is son of R
- (b) M, is brother of K
- (c) R, is sister of K
- (d) R, is brother of K
- (e) None of these

11. (i) A2P means A is mother of P

(ii) A4P means A is brother of P

(iii) A9P means P is husband of A

(iv) A5P means A is daughter of P

Then which of the following option indicates K is mother in law of M?

- (a) M9N2K4J
- (b) M9N5K2J
- (c) K5J9M2N
- (d) K2J9M4N
- (e) None of these

12. If  $P \$ Q$  means  $P$  is brother of  $Q$ .  $P \# Q$  means  $P$  is mother of  $Q$ .  $P + Q$  means  $P$  is husband of  $Q$ .  $P ? Q$  means  $P$  is father of  $Q$ . According to given expression  $A + B \# C \$ D ? E$ , how  $A$  is related to  $E$ ?
- Father
  - Grandfather
  - Uncle
  - Data inadequate
  - None of these
13.  $M @ N$  means  $M$  is sister of  $N$ .  $M \# N$  means  $M$  is father of  $N$ .  $M \$ N$  means  $M$  is wife of  $N$ .  $M \times N$  means  $M$  is brother of  $N$ , then which of the following option indicates  $P$  is father in law of  $Q$ ?
- $P \times N \$ R \# Q$
  - $P \# N @ R \$ Q$
  - $P \times N @ R \$ Q$
  - $P \# N \$ R \times Q$
  - None of these
14. In a coding  $A + B$  means  $A$  is brother of  $B$ ,  $B \times C$  means  $B$  is wife of  $C$ ,  $C - D$  means  $D$  is daughter of  $C$ . According to expression  $A \times B + C - D$ , How  $B$  is related to  $D$ ?
- Father
  - Uncle
  - Brother
  - Nephew
  - None of these
15. If  $A \$ B$  means  $A$  is father of  $B$ .  $A @ B$  means  $A$  is sister of  $B$ .  $A \# B$  means  $A$  is son of  $B$ .  $A * B$  means  $A$  is wife of  $B$ . According to expression  $M \# N \$ P @ Q * J$ , How  $N$  is related to  $J$ ?
- Father
  - Uncle
  - Sister
  - Father in law
  - None of these

**Direction : 16 to 20** $A * Z$  means  $A$  is wife of  $Z$ . $A \times Z$  means  $A$  is husband of  $Z$ . $A + Z$  means  $A$  is sister of  $Z$ . $A - Z$  means  $A$  is brother of  $Z$ . $A > Z$  means  $A$  is son of  $Z$ . $A < Z$  means  $A$  is daughter of  $Z$ .

16. If expression " $A < P \times T + F > L \times M$ " is perfectly true, then which of the following relation is not true?

- $A$  is daughter of  $T$
- $F$  is son of  $M$
- $A$  is cousin of  $F$
- $P$  is son in law of  $L$
- $M$  is maternal grandmother of  $A$

17. Which of the following means  $N$  is daughter in law of  $A$ ?
- $M + N * P > A$
  - $N < M \times P + A$
  - $M - N \times P < A$
  - $A < P + N \times M$
  - $A < N < P * M$
18. If " $Q \times P < B + F$ ", then How  $P$  is related to  $F$ ?
- Daughter
  - Niece
  - Son in law
  - Granddaughter
  - Aunt
19. Which of the following means  $P$  is father of  $R$ ?
- $R > S < P * J$
  - $J + R - S < P$
  - $R > S * P - J$
  - $S + J \times R < P$
  - None of these
20. " $A * B > Z \times S + M$ " then how  $M$  is related to  $B$ ?
- Aunt
  - Grandfather
  - Uncle
  - Cousin
  - Cannot be determined

**Direction : 21 & 22**If ' $A \times B$ ' means  $A$  is son of  $B$ If ' $A + B$ ' means  $A$  is daughter of  $B$ If ' $A + B$ ' means  $A$  is wife of  $B$ If ' $A - B$ ' means  $A$  is father of  $B$ 

21. If expression ' $N + O - P ? Q$ ' has prove that  $Q$  is mother of  $N$ , then what comes on the place of question mark?

- +
- $\times$
- 
- $\div$
- Either + or  $\times$

22. According to given expression

 $S + T \times V - W + Y$ 

Which of the following relation is true?

- $T$  is brother of  $Y$
- $S$  is daughter in law of  $W$
- $S$  daughter in law of  $Y$
- $Y$  is daughter of  $V$
- None of these is true

23.  $A$  is sister of  $B$ .  $B$  is brother of  $C$ .  $C$  is son of  $D$ , then how  $D$  is related to  $A$ ?

- Father
- Grandfather
- Uncle
- None of these

24. M is brother of K. P is sister of K. R is father of P then how K is related to R?  
 (a) Son (b) Daughter  
 (c) Son or Daughter (d) Data inadequate  
 (e) None of these
25. A is son of E. D is son of B. A marry with F. F is daughter of B, then how A is related to D?  
 (a) Uncle (b) Brother in law  
 (c) Father (d) None of these
26. D is brother of B. M is brother of B. K is father of M. T is wife of K, then how B is related to T?  
 (a) Son (b) Daughter  
 (c) Son or daughter (d) None of these
27. R is brother of D. Q is sister of R. A is brother of F. D is father of F. Q is daughter of M, and then who is uncle of A?  
 (a) Q (b) R  
 (c) F (d) D
28. A is son of E. B is sister of C. B is mother of A. D is father of C. D is husband of F, then how E is related to F?  
 (a) Wife (b) Mother in law  
 (c) Father in law (d) Son in law  
 (e) None of these
29. A and B are sisters. C is brother of A. D is brother of E. E is daughter of B, then who is maternal aunt of D?  
 (a) E (b) C  
 (c) A (d) B
30. X and Y are brother. B is brother of A who is mother of X, then how B is related to Y?  
 (a) Maternal Uncle (b) Mother  
 (c) Brother (d) Father
31. A has three childrens. B is brother of C. C is sister of D. E is mother of D and is wife of A. E's husband have only a daughter. How D is related with B?  
 (a) Sister (b) Son  
 (c) Brother (d) Cousin
32. T says P and Q are my brother  
 T says M is mother of Q  
 T says N is brother of my father
- How N is related to P?  
 (a) Uncle (b) Cousin  
 (c) Brother (d) Father  
 (e) None of these
- Direction : 33 to 36**
- Five people K, L, M, N and O are sitting around a table. K is mother of M who is wife of O. N is brother of K and L is husband of K.
33. How L is related to O?  
 (a) Father (b) Mother in law  
 (c) Brother in law (d) Father in law  
 (e) None of these
34. How K is related to O?  
 (a) Sister (b) Mother  
 (c) Mother in law (d) Brother in law  
 (e) None of these
35. How N is related to L?  
 (a) Aunt (b) Cousin  
 (c) Brother (d) Brother in law  
 (e) Uncle
36. How M is related to L?  
 (a) Aunt (b) Niece  
 (c) Daughter (d) Daughter in law  
 (e) Mother
- Direction : 37 & 38**
- (i) A is mother of B  
 (ii) C is sister of A  
 (iii) D is father of C  
 (iv) B is son of E
37. To certify E is a male, which of the following is correct?  
 (a) Only (iv) (b) (ii) and (iv) both  
 (c) (i) and (iv) both (d) (ii) and (iii) both  
 (e) (i) and (iii) both
38. How D is related E?  
 (a) Father (b) Grandfather  
 (c) Son in law (d) Grandson  
 (e) Father in law

**Direction : 39 & 40**

Six members of a family are A, B, C, D, E, F are walking with each other. B is son of C who is not mother of B. A and C are married couple. C is brother of E. D is daughter of A and F is brother B.

**39.** How D is related to E?

- (a) Uncle
- (b) Nephew
- (c) Niece
- (d) Father
- (e) None of these

**40.** Who is wife of E?

- (a) B
- (b) A
- (c) D
- (d) C
- (e) None of these

**41.** A man said that this lady is wife of only grandson of my mother, then how man is related to lady?

- (a) Father in law/Uncle in law
- (b) Grandfather
- (c) Mother
- (d) Data in adequate
- (e) None of these

**42.** A man introduces a boy coming with him as this boy is son of my wife's daughter's father then how boy is related to that man?

- (a) Son in law
- (b) Son
- (c) Brother
- (d) Father

**43.** Pointing towards an old man, kailash says his son is uncle of my son, then how kailash is related to that old man?

- (a) Uncle
- (b) Father
- (c) Son
- (d) None of these

**44.** Pointing towards a man reena says that he is son of my grandmother's only son, then how that man is related to reena ?

- (a) Son
- (b) Brother
- (c) Father
- (d) None of these

**45.** Introducing shivani, Vijay says her father is only child of my father then how Vijay is related to shivani?

- (a) Brother
- (b) Cousin
- (c) Father
- (d) Data inadequate
- (e) None of these

**46.** Pointing towards a picture sanjay's mother says husband of this lady is only son of your father then what is relation between sanjay and lady in photo to sanjay?

- (a) Husband-Wife
- (b) Mother-Father
- (c) Brother-Sister
- (d) None of these

**47.** Pointing towards a picture a lady says that man, his son's sister is my mother in law, then what is the relation of husband of that lady to that man ?

- (a) Son
- (b) Granddaughter
- (c) Grandson
- (d) None of these

**48.** Pointing towards a photo Shubha says he is only grandson of my mother's father then how man in photograph is related to Shubha?

- (a) Father
- (b) Brother/cousin
- (c) Uncle
- (d) None of these

**49.** Giving introduction of a boy , a lady says his maternal uncle's maternal uncle and my maternal uncle are brothers then how that lady is related to boy?

- (a) Sister
- (b) Mother
- (c) Grandmother
- (d) Sister in law

**50.** Giving introduction of Raveena, Naman says she is wife of only nephew of my mother's only brother, then how raveena is related to naman?

- (a) Wife
- (b) Sister
- (c) Sister in law
- (d) Data Inadequate
- (e) None of these

**51.** Pointing to a photograph Anchal said 'The lady in the photograph is the only daughter-in-law of my brother's mother's husband's father'. How is the lady in photograph related to Anchal's father?

- (a) Aunt
- (b) Daughter
- (c) Mother
- (d) Wife

**52.** Ramu's mother has three sons. The eldest one is called onekari, the second one is called twokari. Then the third son's name is

- (a) Teenkari
- (b) Sandu
- (c) Ramu
- (d) Nokari

53. Pointing towards a girl Raj said, "she is the daughter of my mother's daughter". Then how is girl related to Raj?  
(a) Daughter      (b) Uncle  
(c) Niece      (d) Nephew
54. Pointing towards a man another man said, "He is the son of my father's sister". Then what is the relation between them?  
(a) Father-son      (b) Brother  
(c) Cousin      (d) Uncle-Nephew
55. Pointing to a photo Nirmal said, "she is the daughter of only son of my grandfather". How is girl related to Nirmal?  
(a) Sister  
(b) Cousin  
(c) Daughter  
(d) Granddaughter

○○○



**ANSWER KEY**

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. Ans. (c)  | 15. Ans. (d) | 29. Ans. (c) | 43. Ans. (c) |
| 2. Ans. (a)  | 16. Ans. (c) | 30. Ans. (a) | 44. Ans. (b) |
| 3. Ans. (b)  | 17. Ans. (a) | 31. Ans. (c) | 45. Ans. (c) |
| 4. Ans. (d)  | 18. Ans. (b) | 32. Ans. (a) | 46. Ans. (a) |
| 5. Ans. (b)  | 19. Ans. (c) | 33. Ans. (d) | 47. Ans. (c) |
| 6. Ans. (c)  | 20. Ans. (e) | 34. Ans. (c) | 48. Ans. (b) |
| 7. Ans. (a)  | 21. Ans. (e) | 35. Ans. (d) | 49. Ans. (b) |
| 8. Ans. (d)  | 22. Ans. (c) | 36. Ans. (c) | 50. Ans. (a) |
| 9. Ans. (b)  | 23. Ans. (d) | 37. Ans. (c) | 51. Ans. (d) |
| 10. Ans. (e) | 24. Ans. (c) | 38. Ans. (e) | 52. Ans. (c) |
| 11. Ans. (d) | 25. Ans. (b) | 39. Ans. (c) | 53. Ans. (c) |
| 12. Ans. (b) | 26. Ans. (c) | 40. Ans. (e) | 54. Ans. (c) |
| 13. Ans. (b) | 27. Ans. (b) | 41. Ans. (a) | 55. Ans. (a) |
| 14. Ans. (e) | 28. Ans. (d) | 42. Ans. (b) |              |

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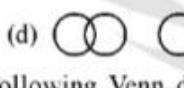
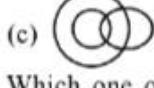
## OBJECTIVE QUESTIONS

**Direction : 1 to 5**

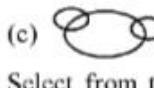
In the following questions, three classes are given. Out of the four figures that follow, you are to indicate which figure will best represent the relationship among the three classes.



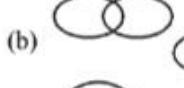
1. Bowler, Batsman, Wicketkeeper
2. Authors, Teachers, Men
3. Sparrows, Birds, Mice
4. Tea, Coffee, Beverages
5. Boys, Students, Athletes
6. Which of the following diagrams correctly represents Elephants, Wolves, Animals?



7. Which one of the following Venn diagrams correctly illustrates the relationship among the classes : Carrot, Food, Vegetable?



8. Select from the given diagrams, the one that illustrates the relationship among the given three classes : Judge, Thief, Criminal.



9. Choose from the four diagrams given below, the one that illustrates the relationship among Languages, French, German.



10. Which one of the following diagrams correctly represents the relationship among the classes : Tennis fans, Cricket players, Students?



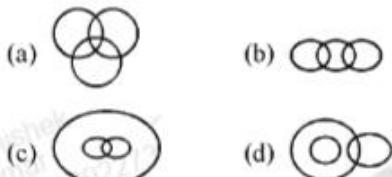
11. Which one of the following Venn diagrams best illustrates the three classes Rhombus, Quadrilaterals, Polygons?

**Direction : 12 to 15**

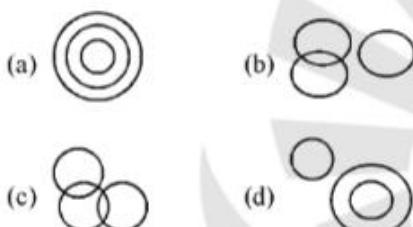
Each of these questions below contains three groups of things. You are to choose from the following five numbers diagrams, the diagram that depicts the correct relationship among the three groups of things in each question.



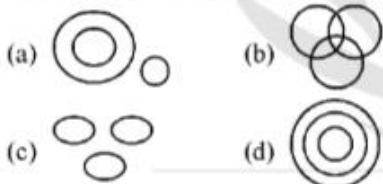
12. Tables, Chairs, Furniture  
 13. Tie, Shirt, Pantaloons  
 14. Dogs, Pets, Cats  
 15. Brinjal, Meat, Vegetables  
 16. Which is the most suitable Venn diagram among the following, which represents interrelationship among Antisocial elements, Pick pockets and Black mailers?



17. Which one of the following four logical diagrams represents correctly the relationship between : Musicians, Instrumentalists, Violinists?

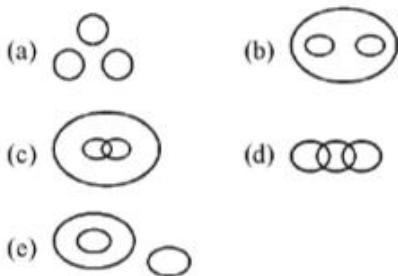


18. Select from the four alternative diagrams, the one that best illustrates the relationship among the three classes : Pigeons, Birds, Dogs.



**Direction : 19 to 24**

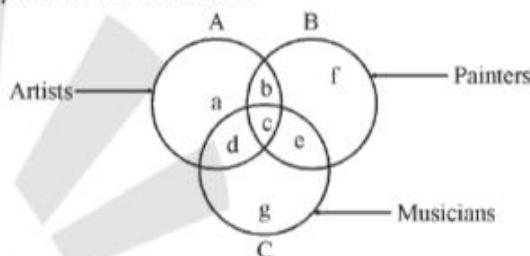
Each one of the following questions contains three items. Using the relationship between these items, match each question with the most suitable diagram. Your answer is the letter denoting that diagram.



19. Deer, Rabbit, Mammal  
 20. Human beings, Teachers, Graduates  
 21. Whales, Fishes, Crocodiles  
 22. Plums, Tomatoes, Fruits  
 23. Mountains, Forests, Earth  
 24. Tiger, Fox, Carnivores

**Direction : 25 to 28**

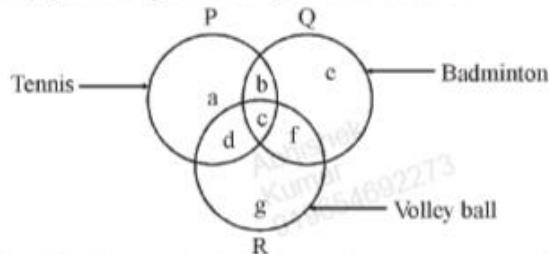
In the figure given below, there are three intersecting circles each representing certain section of people. Different regions are marked a – g. Read the statements in each of the following questions and choose the letter of the region which correctly represents the statement.



25. Artist who are painters but no musicians.  
 (a) b (b) c  
 (c) d (d) g  
 26. Painters who are neither Artist nor musicians.  
 (a) b (b) c  
 (c) f (d) g  
 27. Artist who are musicians but not painters.  
 (a) d (b) c  
 (c) b (d) a  
 28. Artist who are painters as well as musicians.  
 (a) a (b) b  
 (c) c (d) d

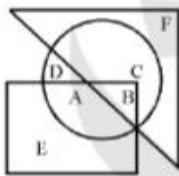
**Direction : 29 to 32**

In the figure given below consists of three intersecting circles which represent sets of students who play Tennis, Badminton and Volley Ball. Each region in the figure is represented by a small letters.

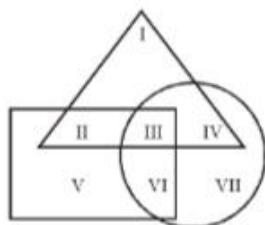


On the basis of the above figure, answer the questions given below.

29. Which letter represents the set of persons who play all the three games?  
 (a) b                                  (b) c  
 (c) f                                    (d) g
30. Which letter represents the set of persons who play Tennis and Volley Ball and not Badminton?  
 (a) g                                    (b) c  
 (c) c                                    (d) d
31. Which letter represents the set of persons who play Tennis but neither Badminton nor Volley Ball?  
 (a) a                                    (b) b  
 (c) c                                    (d) d
32. Which letter represents the set of persons who play Tennis and Badminton and not Volley Ball?  
 (a) b                                    (b) c  
 (c) d                                    (d) f
33. Which one of the following statements is correct with regard to the given figure?

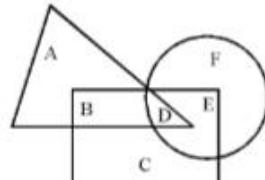


- (a) A and B are in all the three shapes.  
 (b) E, A, B, C are in all the three shapes.  
 (c) F, C, D, B, A are in all the three shapes.  
 (d) Only B is in all the three shapes.
34. The triangle, square and circle shown below respectively represent the urban, hard working and educated people. Which one of the areas marked I-VII is represented by the urban educated people who are not hard working?



- (a) II                                    (b) I  
 (c) IV                                    (d) III

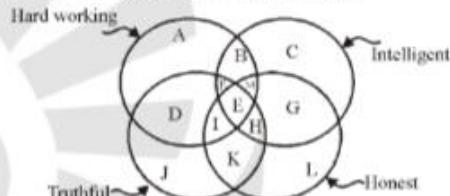
35. In the given figure, the triangle represents girls, the square represents sports persons and the circle represents coaches. The portion in the figure who represents girls, who are sports persons but not coaches is the one labelled.



- (a) A                                    (b) B  
 (c) D                                    (d) E

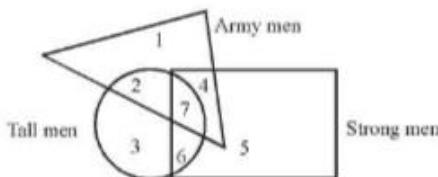
**Direction : 36 to 40**

Below is given a figure with four intersecting circles, each representing a group of persons having the quality written against it. Study the figure carefully and answer the questions that follow.



36. The region which represents the people who are intelligent, honest and truthful but not hard working is denoted by  
 (a) E                                    (b) F  
 (c) H                                    (d) I
37. The people possessing all the qualities are represented by :  
 (a) I                                    (b) H  
 (c) F                                    (d) E
38. The region which represents people who are not honest but possess all other three qualities, is denoted by  
 (a) B                                    (b) D  
 (c) F                                    (d) I
39. People who are not hard working, intelligent and truthful are represented by  
 (a) G                                    (b) H  
 (c) K                                    (d) L
40. People who are not honest and truthful but are hard working and intelligent both, are represented by :  
 (a) E                                    (b) B  
 (c) M                                    (d) I

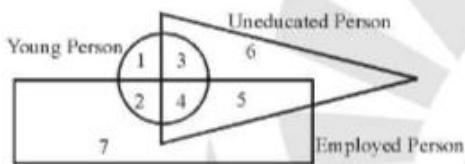
41. If Tall is equivalent to circle, Armymen to triangle and Strong to square, indicate which number will represent strong armymen?



- (a) 3                      (b) 4  
 (c) 5                      (d) 6

**Direction : 42 to 45**

In figure given below, the circle represents young persons, the triangle represents uneducated persons and the rectangle represents employed persons.

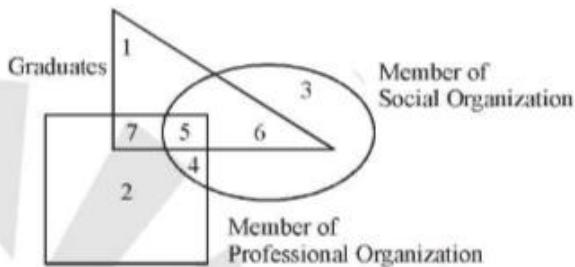


Study the figure carefully and answer the questions given below.

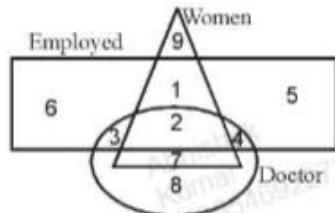
42. Which region represents young, uneducated and employed persons?  
 (a) 6                      (b) 5  
 (c) 4                      (d) 3  
 (e) 2
43. The region which represents educated, employed young persons, is denoted by  
 (a) 2                      (b) 3  
 (c) 4                      (d) 5  
 (e) 6
44. Which region represents young, educated and unemployed persons?  
 (a) 7                      (b) 4  
 (c) 1                      (d) 5  
 (e) 3
45. Which region represents young, uneducated and unemployed persons?  
 (a) 1                      (b) 2  
 (c) 6                      (d) 3  
 (e) 5

**Direction : 46 to 48**

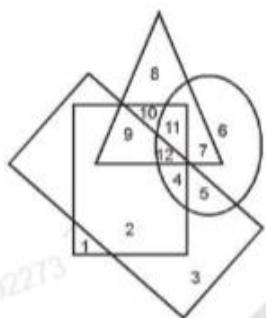
The following questions are based on the diagram given below. In the diagram, the triangle stands for graduates, square stands for member of professional organisations and the circle stands for member of social organisations. Read each statement and find out the appropriate number(s) to represent the people covered by the given statement.



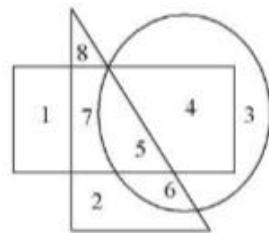
46. Number of graduates only  
 (a) 1                      (b) 5  
 (c) 6                      (d) 2
47. Number of graduates in social organisations only  
 (a) 3                      (b) 4  
 (c) 5                      (d) 6
48. Number of graduates in professional organisations  
 (a) 5  
 (b) 4  
 (c) 6  
 (d) 7
49. In the figure, given below, triangle represents the women, rectangle represents the employed and circle represents the doctor, find out the area of the figure which represents women doctors who are not employed.  
 (a) 1                      (b) 3  
 (c) 7                      (d) 8



50. In the given figure, the circle stands for intelligent, square for hardworking, triangle for Post graduate and the rectangle for loyal employees. Study the figure and answer the following question.



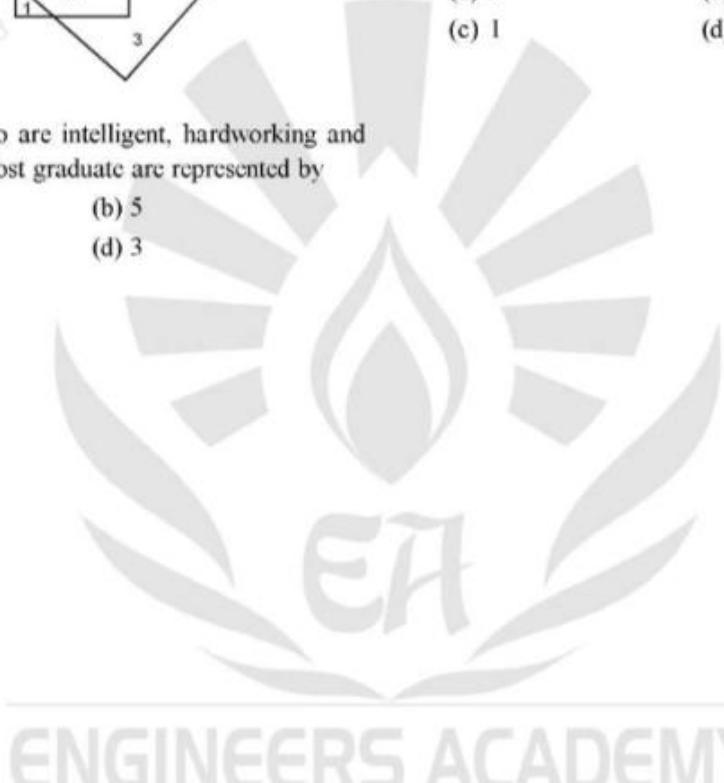
51. Write the number of space enclosed by rectangle and circle but not by triangle.



- (a) 3                          (b) 2  
(c) 1                           (d) 4

Employees who are intelligent, hardworking and loyal but not Post graduate are represented by

- (a) 11                        (b) 5  
(c) 4                           (d) 3



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**ANSWER KEY**

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. Ans. (a)  | 16. Ans. (c) | 31. Ans. (a) | 46. Ans. (a) |
| 2. Ans. (a)  | 17. Ans. (a) | 32. Ans. (a) | 47. Ans. (d) |
| 3. Ans. (b)  | 18. Ans. (a) | 33. Ans. (d) | 48. Ans. (d) |
| 4. Ans. (c)  | 19. Ans. (b) | 34. Ans. (c) | 49. Ans. (c) |
| 5. Ans. (a)  | 20. Ans. (c) | 35. Ans. (b) | 50. Ans. (c) |
| 6. Ans. (a)  | 21. Ans. (a) | 36. Ans. (c) | 51. Ans. (d) |
| 7. Ans. (a)  | 22. Ans. (c) | 37. Ans. (d) | ○○○          |
| 8. Ans. (c)  | 23. Ans. (c) | 38. Ans. (c) |              |
| 9. Ans. (c)  | 24. Ans. (b) | 39. Ans. (d) |              |
| 10. Ans. (a) | 25. Ans. (a) | 40. Ans. (b) |              |
| 11. Ans. (a) | 26. Ans. (c) | 41. Ans. (b) |              |
| 12. Ans. (d) | 27. Ans. (a) | 42. Ans. (c) |              |
| 13. Ans. (c) | 28. Ans. (c) | 43. Ans. (a) |              |
| 14. Ans. (b) | 29. Ans. (b) | 44. Ans. (c) |              |
| 15. Ans. (e) | 30. Ans. (d) | 45. Ans. (d) |              |

## TIME TEST AND CLOCK

### OBJECTIVE QUESTIONS

**CHAPTER**
**12**

1. The angle between the minute hand and the hour hand of a clock when the time is 2 : 30, is:-  
 (a)  $145^\circ$       (b)  $105^\circ$   
 (c)  $90^\circ$       (d)  $120^\circ$
2. The angle between the minute and the hour hand of a clock when the time is 3 : 30 is :-  
 (a)  $45^\circ$       (b)  $90^\circ$   
 (c)  $120^\circ$       (d)  $75^\circ$
3. At what time between minutes 5 o'clock and 6 o'clock both the hands of clock will coincide each other?  
 (a)  $5:32\frac{3}{11}$       (b)  $5:23\frac{8}{11}$   
 (c)  $5:17\frac{3}{11}$       (d)  $5:27\frac{3}{11}$
4. At what time between 4 to 5 o'clock will the hands of clock is in opposite directions ?  
 (a)  $4:33\frac{3}{11}$       (b)  $4:23\frac{3}{11}$   
 (c)  $4:42\frac{8}{11}$       (d)  $4:54\frac{6}{11}$
5. At what time between 7 to 8 will the hands of a clock will be at right angles?  
 (a)  $7:21\frac{9}{11}$       (b)  $7:54\frac{6}{11}$   
 (c) Both 'A' and 'B' (d) None of these
6. How many times are the hands of a clock make right angle between 1 pm to 10 pm in a day?  
 (a) 9      (b) 16  
 (c) 18      (d) 20
7. At what time between 2 to 3 o'clock are the hands of clock are 5 minutes apart?  
 (a)  $2:5\frac{5}{11}$       (b)  $2:16\frac{4}{11}$   
 (c)  $2:8\frac{3}{11}$       (d) Both '(a)' and '(b)'
8. How many times between 4 am to 2 pm, are the hands of clock coincide each other?  
 (a) 9 times      (b) 11 times  
 (c) 6 times      (d) 23 times
9. How many times, are the hands of a clock are in straight line between 5 am to 5 pm in a day?  
 (a) 11 times      (b) 12 times  
 (c) 22 times      (d) 24 times
10. How many times between 4 pm to 10 pm are the hands of a clock at right angle?  
 (a) 11 times      (b) 12 times  
 (c) 22 times      (d) 24 times
11. What is the angle between the minute hand and the hour hand of a clock when the time is 4 : 15 is :-  
 (a)  $30^\circ$       (b)  $60^\circ$   
 (c)  $37\frac{1}{2}^\circ$       (d) None of these
12. How many times in a day both the hands of a clock are in a straight line but opposite in direction between 8 am to 8 pm?  
 (a) 12      (b) 11  
 (c) 13      (d) 10
13. Time in my watch is 3 o'clock. If hour hand of watch is at east then what is the direction of minute hand?  
 (a) North      (b) South  
 (c) West      (d) None of these

14. At 6 o'clock the minute hand of watch is in north direction and hour hand is in south direction then at 6 : 52 o'clock what is the direction of minute hand of a clock?  
 (a) North-east      (b) South-east  
 (c) South-east      (d) North- West
15. At 12 : 30 o'clock in a watch the hour hand is in north direction and minute hand is in south direction then at 2 : 45 o'clock what is the direction of minute hand?  
 (a) North-west      (b) West  
 (c) South-east      (d) East
16. A bus for Mumbai leaves every 40 min from a bus-stand. An enquiry clerk told a passenger that the bus had already left 10 min ago and the next bus will leave at 9 : 45 am. At what time did the enquiry clerk give this information to the passenger?  
 (a) 9 : 05 am      (b) 9 : 35 am  
 (c) 8 : 55 am      (d) 9 : 15 am
17. At a enquiry window information display that train for delhi leave 15 min ago but train departure for delhi at every 45 min and next train is at 8 : 30 pm Then at what time passenger get the information?  
 (a) 7 : 45 pm      (b) 8 : 00 pm  
 (c) 8 : 15 pm      (d) 8 : 05 pm
18. Rahim told Saxsena that "There is a bus in every half an hour for meerut" And a bus left 5 min ago and next bus departure at 2 :20pm then Rahim given this information to Saxsena at what time ?  
 (a) 1 : 45 pm      (b) 1 : 55 pm  
 (c) 2 : 00 pm      (d) 2 : 05 pm
19. The reflection of a clock in the mirror is 3h 15 min. What is the actual time shown in clock?  
 (a) 3 : 15      (b) 8 : 45  
 (c) 9 : 15      (d) 9 : 45
20. The reflection of a clock in the mirror is 11 : 57. What is the actual time shown in clock?  
 (a) 23 : 03      (b) 3 : 12  
 (c) 12 : 03      (d) 7 : 11
21. The reflection of a clock in the mirror is 6 : 15. What is the actual time shown in clock?  
 (a) 8 : 10      (b) 7 : 15  
 (c) 5 : 45      (d) 9 : 15
22. A watch shown 9 : 25 time in mirror then what is the actual time?  
 (a) 2 : 25      (b) 9 : 25  
 (c) 2 : 35      (d) 3 : 35
23. What is the angle between the minute hand and the hour hand of a clock in one minute ?  
 (a)  $7^\circ$       (b)  $6^\circ$   
 (c)  $5.5^\circ$       (d)  $11^\circ$
24. At what time between 9 O' clock to 10 O' clock the hour hand and minute hand of a clock is in opposite direction ?  
 (a) 9 : 15      (b) 9 : 16  
 (c)  $9:16\frac{4}{11}$       (d)  $9:17\frac{4}{11}$
25. A watch slow from mid night , 5 min slow in first hour, 10 min slow in second hour, 15 min in third hour and so on Then what is the time in watch after 6 hours?  
 (a) 6 : 00 am      (b) 5 : 30 am  
 (c) 6 : 30 am      (d) 4 : 15 am
26. Out of two watches one gains 5 min every day and second loses 5 min. everyday. If both watch shows same time at 12 o'clock then after how many days they show same time again?  
 (a) 60 Days      (b) 62 Days  
 (c) 76 Days      (d) 72 Days
27. A clock gains 45 min. in every 24 hours. If today clock set right at 10 am. then what will be the time in clock shows if time in the clock is 6 pm on next day?  
 (a) 8 : 02      (b) 6 : 15  
 (c) 7 : 00      (d) 7 : 15

28. When I reach station I got that I reach half an hour before the actual time of train departure. Because of fog train arrives at station on 6 : 20 with 1 hr and 30 minute delay when I reached station?
- (a) 4 : 40      (b) 5 : 10  
 (c) 5 : 20      (d) 4 : 20
29. Suresh leave for college between 8 am to 9 am and return between 5 to 6 then at that time he saw that when he leave for college and while he returns from college both hands of clock were interchanged then, what was the correct time when he leave for college and return from college?
- (a)  $5:41\frac{7}{13}, 8:27\frac{9}{13}$   
 (b)  $5:48\frac{9}{13}, 8:36\frac{7}{13}$   
 (c)  $5:36\frac{5}{13}, 8:10\frac{10}{13}$   
 (d) Cannot be determine.
30. Prakash leave for office between 9 am to 10 am and return between 5 to 6 then at that time he saw that when he leave for office and while he returns from office both hands of clock were interchanged then, what was the correct time when he leave for office and return from office?
- (a)  $9:27\frac{9}{13}, 5:47\frac{7}{13}$   
 (b)  $9:27\frac{9}{13}, 5:46\frac{2}{13}$   
 (c)  $9:27\frac{9}{13}, 5:46\frac{9}{13}$   
 (d) None of these
31. Ayush leave for college between 8 am to 9 am and return between 2 to 3 then at that time he saw that when he leave for college and while he returns from college both hands of clock were interchanged then, what was the correct time when he leave for college?
- (a)  $8:12\frac{3}{13}$       (b)  $8:13\frac{11}{13}$   
 (c)  $8:15\frac{7}{13}$       (d)  $8:41\frac{7}{13}$
32. Madhav left home for the bus stop 15 minutes earlier than usual. It takes 10 minutes to reach the stop. He reached the bus stop at 8 : 40 am. What time does he usually leave home for the bus stop?
- (a) 8 : 40 am      (b) 8 : 55 am  
 (c) 8 : 45 am      (d) 8 : 35 am
33. Bus leaves for Dausa in every 3 : 30 hrs If bus left to barmer before 20 minutes and next bus time is at 6:30 pm. then what at is time in watch right now ?
- (a) 3 : 00 pm      (b) 3 : 20 pm  
 (c) 3 : 50 pm      (d) 6 : 10 pm
34. Watch X which loses 5 minutes and watch Y which gains 3 minutes If watch Y is 20 minutes fast than watch X then In how many days watch Y is 36 minute fast than watch X?
- (a) 6 Days      (b)  $1\frac{1}{4}$  Days  
 (c) 7 Days      (d) 2 days
35. If the minute hand of a clock moves to 17 minutes from a particular point then what is the angle covered by the minute hand of clock?
- (a)  $96^\circ$       (b)  $80^\circ$   
 (c)  $102^\circ$       (d) None of these
36. A bell in a clock rings once at 1 O'clock, twice at 2 O'clock, thrice at 3 O'clock and so on then how many times it rings in a day?
- (a) 146      (b) 156  
 (c) 136      (d) 186
37. An accurate clock shows exact time at 3 : 00. If hour hand of clock moves  $135^\circ$ . After then what will be the time in clock?
- (a) 7 : 30      (b) 6 : 30  
 (c) 8 : 00      (d) 9 : 30
38. If we replace digits (1 to 12) of clock with letters of english alphabets starting with C, then which letter shows time at 16 Hours?
- (a) W      (b) P  
 (c) S      (d) R

39. Three bells are ringing at the interval of 9, 12 and 15 minutes. If all three bells rang at 8 pm then at what time all bells will ring again ?  
(a) 8 : 45 pm      (b) 10 : 30 pm  
(c) 11 : 00 pm      (d) 1 : 00 am
40. A tortoise covers 1 km distance in 4 hours After completing every 1 km he takes 20 minutes rest. So how many hours he take to cover 3.5 km distance?  
(a) 14 hours      (b) 13 hours  
(c) 15 hours      (d) 12 hours

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**ANSWER KEY**

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. Ans. (b)  | 11. Ans. (c) | 21. Ans. (c) | 31. Ans. (b) |
| 2. Ans. (d)  | 12. Ans. (b) | 22. Ans. (c) | 32. Ans. (c) |
| 3. Ans. (d)  | 13. Ans. (a) | 23. Ans. (c) | 33. Ans. (b) |
| 4. Ans. (d)  | 14. Ans. (d) | 24. Ans. (c) | 34. Ans. (d) |
| 5. Ans. (c)  | 15. Ans. (b) | 25. Ans. (b) | 35. Ans. (c) |
| 6. Ans. (b)  | 16. Ans. (d) | 26. Ans. (d) | 36. Ans. (b) |
| 7. Ans. (d)  | 17. Ans. (b) | 27. Ans. (c) | 37. Ans. (a) |
| 8. Ans. (a)  | 18. Ans. (b) | 28. Ans. (d) | 38. Ans. (d) |
| 9. Ans. (c)  | 19. Ans. (b) | 29. Ans. (a) | 39. Ans. (c) |
| 10. Ans. (a) | 20. Ans. (c) | 30. Ans. (b) | 40. Ans. (c) |

  
**ENGINEERS ACADEMY**

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CALENDAR  
OBJECTIVE QUESTIONS

1. Ajay reach at any place on wednesday then he knows that he reach three days before than the regular day. If he reaches there on the following sunday then how many days after or before he reached?
- One day before
  - After one day
  - After two day
  - Two day before
2. If three day before yesterday was wednesday then what will be the day on two day after tommorow?
- Wednesday
  - Friday
  - Monday
  - Tuesday
3. If one day after tommorow will be thursday then that was the day on immediate day before yesterday?
- Saturday
  - Monday
  - Sunday
  - Friday
4. If the fifth day of month is two day after than tuesday, what day will be on the immediate prior day on the 19<sup>th</sup> day of the month?
- Monday
  - Wednesday
  - Thursday
  - Sunday
5. If four day after 21<sup>st</sup> date of a particular month will be Saturday then what was the day on 3<sup>rd</sup> of that particular month ?
- Friday
  - Wednesday
  - Sunday
  - None of these
6. Kiran's Birthday will held on day after tomorrow and Shivratri also held on the same day in next week. If today is Monday then what day will be the day after Shivratri ?
- Saturday
  - Thursday
  - Monday
  - Tuesday
7. If ten days after today will be friday then what was the day on one day before today?
- Monday
  - Friday
  - Wednesday
  - Sunday
8. My brother is 562 days older than me while my sister is 75 weeks older than my brother. If my sister born on tuesday then on which day I was born?
- Sunday
  - Wednesday
  - Monday
  - Thursday
9. If 5 days before 17 May 2000 is wednesday. Then what was day on 2 Oct 1999?
- Friday
  - Monday
  - Thursday
  - None of these
10. If fourth day a month was saturday. Then what day will be on four days after 20th day of particular month?
- Friday
  - Saturday
  - Wednesday
  - Sunday
11. Three days after today is Christmas. If today is Monday than what day will be the first day of upcoming year.
- Thursday
  - Wednesday
  - Monday
  - Thursday
12. Manish was born on 3<sup>rd</sup> march 1980. Sanjeev born four days before Manish. If republic day in that year was celebrated on saturday. Then on which day Sanjeev was celebrated his birthday?
- Wednesday
  - Tuesday
  - Sunday
  - Thursday

13. Rani remembers that her father birthday held in between 14<sup>th</sup> march to 18<sup>th</sup> march and Rani's brother remembers that his father birthday held in between 16<sup>th</sup> March to 21<sup>st</sup> March. Then on which day Rani's father birthday will be celebrated?
- (a) 17 March      (b) 18 March  
 (c) 16 March      (d) 20 March
14. If 16<sup>th</sup> day of a month is third friday, then what will be the date on 4<sup>th</sup> Tuesday of that month?
- (a) 20      (b) 22  
 (c) 27      (d) 29
15. If Saturday was a holiday for Republic Day and 14th of the next month is again a holiday for Shivratri then, What day was it on the 14th Feb ?
- (a) Monday      (b) Tuesday  
 (c) Thursday      (d) Friday
16. On 10 January 1995 was monday, than what day will be on 31 march 1995?
- (a) Sunday      (b) Tuesday  
 (c) Thursday      (d) Monday
17. On, 5 March 2001 was tuesday, than what day of week will be on 30 October, 2001?
- (a) Saturday      (b) Monday  
 (c) Tuesday      (d) Wednesday
18. If on 20 Nov, 1999 is Sunday, then what was the day on 5 July 1999.
- (a) Tuesday      (b) Friday  
 (c) Sunday      (d) Monday
19. If on 10 March 2001 is Saturday, then what will be the day on 10 March 2010?
- (a) Monday      (b) Wednesday  
 (c) Thursday      (d) Saturday
20. On which day India celebrated its first Independence day?
- (a) Friday      (b) Saturday  
 (c) Tuesday      (d) Monday
21. What was the day on 26 January, 2004 ?
- (a) Sunday      (b) Monday  
 (c) Wednesday      (d) Friday
22. There was attack held on Parliament house on 13 Dec. 2001, then what was the day on that ?
- (a) Wednesday      (b) Thursday  
 (c) Monday      (d) Saturday
23. If February 1, 2004 is wednesday, what day will be on March 3, 2004?
- (a) Monday      (b) Sunday  
 (c) Saturday      (d) Friday
24. If 5th of a particular month is sunday and is a country 'X' literacy day is celebrate on four day after third friday of same month. Find the date on which literacy day was celebrated?
- (a) 20      (b) 21  
 (c) 22      (d) 23
25. If the seventh day of a month is three days earlier than friday, what day will it be on the 19th day of the month?
- (a) Sunday      (b) Monday  
 (c) Wednesday      (d) Friday
26. My sister is 352 days older than me while my brother is 65 weeks older than my sister. If my brother born on Saturday. Then on which day I was born?
- (a) Sunday      (b) Wenesday  
 (c) Monday      (d) Tuesday
27. If 3<sup>rd</sup> of any month is friday than what will be the day on four days after 21<sup>st</sup> of that month?
- (a) Tuesday      (b) Monday  
 (c) Saturday      (d) Thursday
28. X was born on Feb 6, 1994. The same year Independence day was celerated on friday. On which day was X born?
- (a) Wednesday      (b) Thursday  
 (c) Friday      (d) Saturday
29. Which of the following is a leap year?
- (a) 1700      (b) 1800  
 (c) 1900      (d) 2000
30. Which of the following is non leap year?
- (a) 1900      (b) 1956  
 (c) 1996      (d) 2000

**ANSWER KEY**

- |             |              |              |              |
|-------------|--------------|--------------|--------------|
| 1. Ans. (b) | 9. Ans. (c)  | 17. Ans. (d) | 25. Ans. (a) |
| 2. Ans. (a) | 10. Ans. (a) | 18. Ans. (a) | 26. Ans. (c) |
| 3. Ans. (c) | 11. Ans. (a) | 19. Ans. (b) | 27. Ans. (c) |
| 4. Ans. (b) | 12. Ans. (d) | 20. Ans. (a) | 28. Ans. (b) |
| 5. Ans. (a) | 13. Ans. (a) | 21. Ans. (b) | 29. Ans. (d) |
| 6. Ans. (b) | 14. Ans. (c) | 22. Ans. (b) | 30. Ans. (a) |
| 7. Ans. (a) | 15. Ans. (c) | 23. Ans. (c) |              |
| 8. Ans. (d) | 16. Ans. (c) | 24. Ans. (b) | ○○○          |



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CUBE-DICE

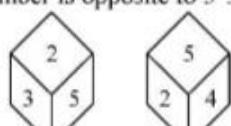
## **OBJECTIVE QUESTIONS**

# CHAPTER **14**



15. Which number is opposite to 3 ?

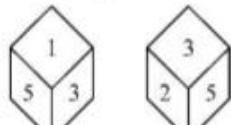
- (a) 1  
(c) 6



- (b) 4  
(d) 5

16. Which number is opposite to 2 ?

- (a) 1  
(c) 6



- (b) 4  
(d) 2

17. Which number is opposite to 2 ?

- (a) 6  
(c) 1



- (b) 3  
(d) 4

18. Which number is opposite to 6 ?

- (a) 2  
(c) 5



- (b) 3  
(d) 1

19. When 1 dots are at bottom then how many dots on top side?

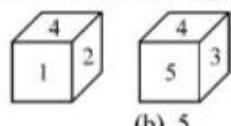
- (a) 2  
(c) 4



- (b) 3  
(d) 5

20. If 3 is at bottom then which digit is on top?

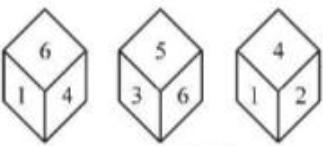
- (a) 4  
(c) 2



- (b) 5  
(d) 1

21. If 2 is at bottom then which digit is on top?

- (a) 5  
(c) 1



- (b) 3  
(d) 6

22. Which alphabet will be in front of A?

- (a) B  
(c) D



- (b) F  
(d) E

23. Which digit will be in front of 4?

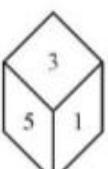
- (a) 1  
(c) 3



- (b) 2  
(d) 4

24. Which number is in opposite side of 3?

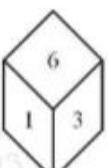
- (a) 6  
(c) 3



- (b) 4  
(d) 2

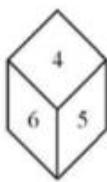
25. Which number is in opposite side of 6?

- (a) 1  
(c) 4

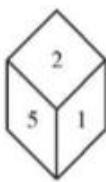


- (b) 2  
(d) 5

26. Which number is in opposite side of 4?



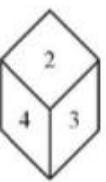
(a) 5



(b) 3



(c) 2

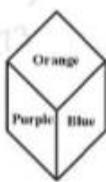


(d) 1

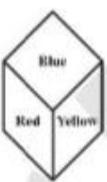
27. Which number is in opposite side of yellow?



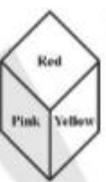
(a) Purple



(b) Red

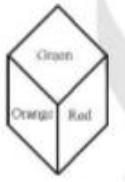


(c) Pink

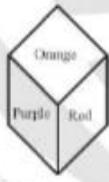


(d) Yellow

28. Which colour is at the opposite side of Green?



(a) Orange



(b) Red

(c) Yellow

(d) Purple

29. Which symbol is at the opposite side of  $\odot$ ?



(a) +

(b)  $\triangle$ 

(c) x

(d)  $\square$ 

30. At which position is the unknown number is place from the following two shown cubes?



(a) In front of 3



(b) In front of 6

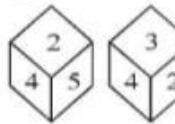
(c) In front of 5

(d) In front of 2

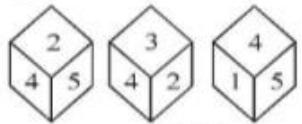
31. Which digit is in front of 4?



(a) 6



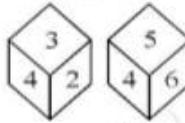
(c) 2



(b) 3

(d) 1

32. Which of the following digit is the opposite side of 2?



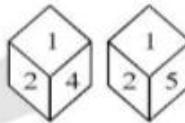
(a) 5

(c) 3

(b) 6

(d) 1

33. Which of the following is in opposite side of 4?



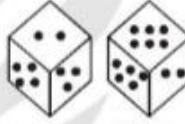
(a) 5

(c) 1

(b) 2

(d) 6

34. How many dots are there in opposite direction of 3 points?



(a) 4

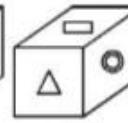
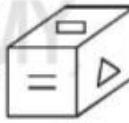
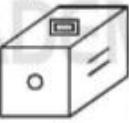
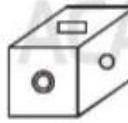
(c) 3

(b) 5

(d) 6

*Direction : 35 to 37*

*Give the answer of the following questions by the following given four dices:*

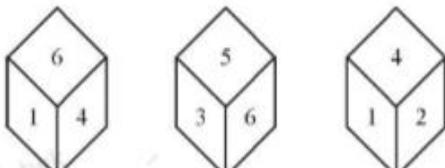
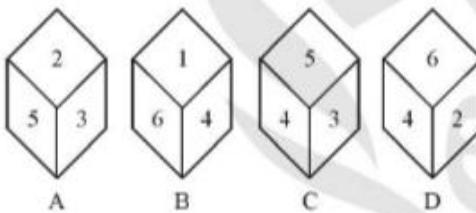
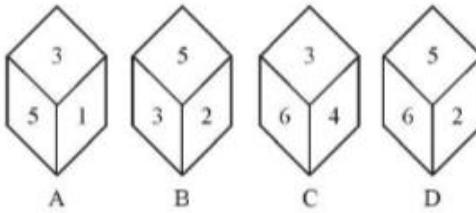
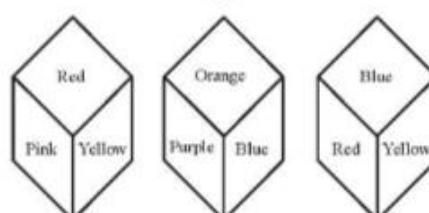
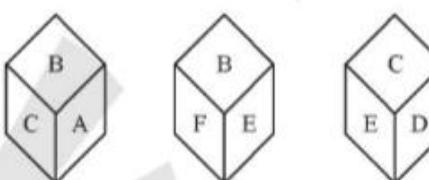
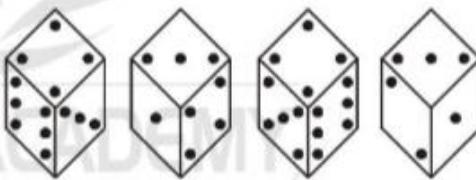


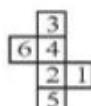
35. The symbol is the bottom of (iv) is

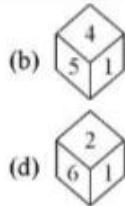
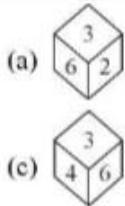
(a)  $\circ$ (c)  $\triangle$ (b)  $\odot$ (d)  $\square$ 

36. The symbol opposite the face having the symbol ' $=$ ' is

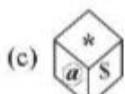
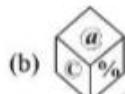
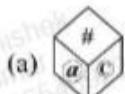
(a)  $\circ$ (c)  $\odot$ (b)  $\triangle$ (d)  $\square$

37. The symbol opposite the face having the symbol “ $\Delta$ ” is  
 (a)  $\circ$       (b)  $\odot$   
 (c)  $=$       (d)  $\square$
38. Which digit is in opposite side of 2?  
  
 (a) 6      (b) 5  
 (c) 3      (d) 1
39. Which digit is in opposite side of 3?  
  
 (a) 4      (b) 6  
 (c) 5      (d) 2
40. Which of the following can be a ideal dice?  
  
 (a) A      (b) B  
 (c) D      (d) C
41. If the sum of opposite side of a dice is 7. Then which dice is correct?  
  
 (a) A      (b) B  
 (c) C      (d) D
42. Which colour is in opposite of Blue?  
  
 (a) Yellow      (b) Purple  
 (c) Red      (d) Pink
43. Which alphabet is in opposite of C?  
  
 (a) F      (b) A  
 (c) D      (d) E
44. There are four position of cubes are shown. The which symbol is in front of “+”?  
  
 (a)  $\Delta$       (b)  $\times$   
 (c)  $-$       (d)  $+$
45. How many dots are there in front of three dots?  
  
 (a) 2      (b) 4  
 (c) 5      (d) 6
- Direction : 46 to 55**  
*In the below questions there are some unfolded form of dices is given. Choose the dice which can be formed from this unfolded dice?*
- 46.

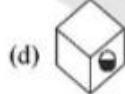
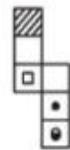




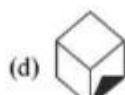
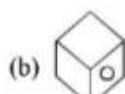
47.



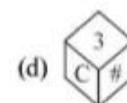
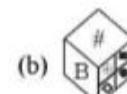
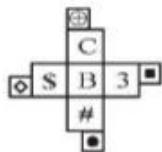
48.



49.

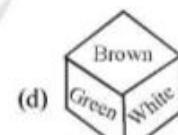
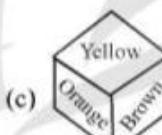
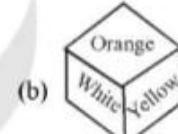
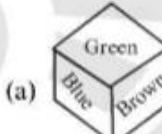


50.

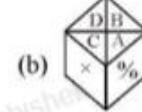
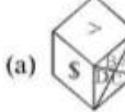
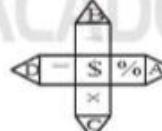


51.

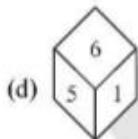
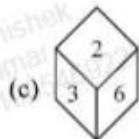
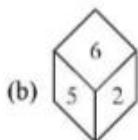
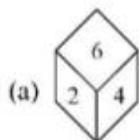
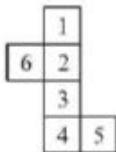
Orange	Green
Yellow	
Brown	
White	Blue



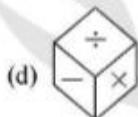
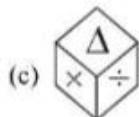
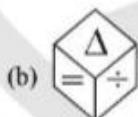
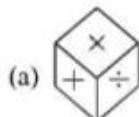
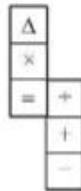
52.



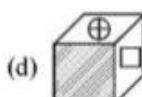
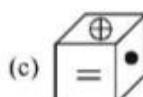
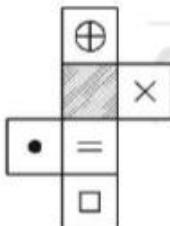
53.



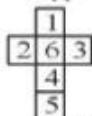
54.



55.

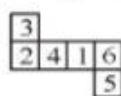


56. Analysis the following diagram and determine which digit is at the opposite side of 6?



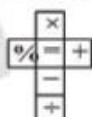
- (a) 4      (b) 5  
(c) 3      (d) 2

57. By the following diagram if a dice is form then which of the following is in opposite of '1'?



- (a) 3      (b) 6  
(c) 2      (d) 5

58. Which of the following is in opposite side of '%' ? % के विपरीत वाली फलक पर कौनसा विहन होगा?



- (a) =      (b) –  
(c) +      (d) ÷

59. Anlays the following diagram and determine which colour is in opposite of Green?

Green	
Blue	
Yellow	White
Red	
Brown	

- (a) Blue      (b) Yellow  
(c) White      (d) Brown

60. In a dice a, b, c and d are written on the adjacant faces, in a clockwise order and e and f at the top and bottom. When c is at the top, what will be at the bottom?



- (a) A      (b) B  
(c) C      (d) Data insufficient

**ANSWER KEY**

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. Ans. (b)  | 16. Ans. (a) | 31. Ans. (a) | 46. Ans. (c) |
| 2. Ans. (c)  | 17. Ans. (a) | 32. Ans. (b) | 47. Ans. (b) |
| 3. Ans. (d)  | 18. Ans. (a) | 33. Ans. (a) | 48. Ans. (c) |
| 4. Ans. (b)  | 19. Ans. (b) | 34. Ans. (b) | 49. Ans. (b) |
| 5. Ans. (c)  | 20. Ans. (c) | 35. Ans. (d) | 50. Ans. (c) |
| 6. Ans. (d)  | 21. Ans. (d) | 36. Ans. (c) | 51. Ans. (c) |
| 7. Ans. (c)  | 22. Ans. (d) | 37. Ans. (a) | 52. Ans. (b) |
| 8. Ans. (a)  | 23. Ans. (a) | 38. Ans. (a) | 53. Ans. (c) |
| 9. Ans. (d)  | 24. Ans. (b) | 39. Ans. (a) | 54. Ans. (c) |
| 10. Ans. (a) | 25. Ans. (c) | 40. Ans. (d) | 55. Ans. (a) |
| 11. Ans. (c) | 26. Ans. (d) | 41. Ans. (a) | 56. Ans. (b) |
| 12. Ans. (a) | 27. Ans. (a) | 42. Ans. (d) | 57. Ans. (c) |
| 13. Ans. (b) | 28. Ans. (d) | 43. Ans. (a) | 58. Ans. (c) |
| 14. Ans. (b) | 29. Ans. (c) | 44. Ans. (b) | 59. Ans. (b) |
| 15. Ans. (b) | 30. Ans. (d) | 45. Ans. (c) | 60. Ans. (a) |

## OBJECTIVE QUESTIONS

**Direction : I to 30**

In each of the following question, one, two or more statements are given followed by conclusion I, II or more you have to consider the statements to be true, even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions definitely follows from the given statements.

**1. Statement:**

- All pens are erasers.  
All erasers are pencils.

**Conclusions:**

- I. All pencils are pens.  
II. All pens are pencils.  
(a) Both conclusions I and II follow.  
(b) Only conclusion II follows.  
(c) Neither conclusion I nor II follows.  
(d) Only conclusion I follows.

**2. Statement:**

- All poets are day dreamers.  
All painters are day dreamers.

**Conclusions:**

- I. All painters are poets.  
II. Some day dreamers are not painters.  
(a) Neither I nor II follows.  
(b) Both I and II follows.  
(c) Only II follows.  
(d) Only I follows.

**3. Statement:**

- Some men are good.  
Some men are wise.

**Conclusion:**

- I. Some wise are good.  
II. Some good are wise.  
(a) Only II follows  
(b) Only I follows.

4.

- (c) Both I and II follows.  
(d) Neither I nor II follows.

**Statement:**

Some politicians are social workers.  
All doctors are social workers.

**Conclusions:**

- I. Some doctors are politicians.  
II. Some social workers are doctors as well as politicians.  
(a) Both conclusions I and II follows.  
(b) Only conclusion II follow.  
(c) Neither conclusion I nor II follows.  
(d) Only conclusion I follows.

5.

**Statement:**  
All students are girls.

Some students are not talented.

**Conclusions:**

- I. No students is talented.  
II. Some girls are talented.  
(a) Only II follows  
(b) Both I and II follows  
(c) Neither I nor II follows  
(d) Only I follows.

6.

**Statement:**

Tigers do not fly.  
Hens do not fly.

**Conclusions:**

- I. Tigers are Hens.  
II. All Tigers can not fly.  
(a) Either I or II follows.  
(b) Neither I nor II follows.  
(c) Only II follows.  
(d) Only I follows.

**7. Statement:**

All Authors are learned people.

Some Doctors are authors.

**Conclusions:**

I. Some Doctors are learned people.

II. Some learned people are doctors.

(a) Both I and II are follows

(b) Only II follows

(c) Neither I nor II are follows

(d) Only I is follows

**8. Statement:**

Creative persons are learned people.

Some doctors are creative persons.

**Conclusions:**

I. Some creative persons are learned people.

II. Some learned people are doctors.

(a) Only I follows

(b) Neither I nor II are follows

(c) Both I and II follows

(d) Only II follows

**9. Which conclusion is true with respect to the given statements.****Statement:**

I. All squares are rectangles.

II. All rectangles are polygons.

**Conclusion:**

(a) Polygon is a square.

(b) Square is not a rectangle.

(c) Square is not a polygon.

(d) Square is a rectangle and polygon.

**10. Statements:**

All computers are machines

All machines are printers.

Some printers are keys.

No keys are board

**Conclusion :**

I. Some key are machine.

II. Some boards are printer.

III. All printers are machines.

IV. Some boards are computers.

(a) None follows

(b) Only I and II follows

(c) Only III follows

(d) Only either II or IV follows

(e) None of these

**11. Statements :**

Some nets are curtains.

All nets are holes.

All holes are windows.

Some windows are partitions.

**Conclusions :**

I. Some curtains are partitions.

II. Some nets are partitions.

III. All net are windows.

IV. Some curtains are holes.

(a) Only I and III follows.

(b) Only either I or II and III follows

(c) Only III and IV follows

(d) Only II and III follows.

(e) None of these

**12. Statements :**

Some files are folders.

Some folders are boxes.

All boxes are bag.

Some bags are truck.

**Conclusions :**

I. Some bags are folder.

II. Some boxes are trucks.

III. Some bag are files.

IV. Some truck are folders.

(a) None follows

(b) Only I follows

(c) Only III follows

(d) Only II follows

(e) None of these

**13. Statements:**

Some coins are metals  
Some metals are paper.  
Some papers are clothes.  
Some clothes are paridhan.

**Conclusions:**

- I. Some paridhans are papers.
  - II. Some clothes are coins.
  - III. Some paridhan are metals.
  - IV. No cloth is a coin.
- (a) Only I follows.  
(b) either I or III follows.  
(c) either II or IV follows.  
(d) Only II and IV follows.  
(e) None of these

**14. Statements:**

Some letters are words.  
All letters are sentence.  
Some sentences are paragraph.  
No paragraph is a chapter.

**Conclusions:**

- I. Some words are paragraph.
  - II. Some paragraph are words.
  - III. No paragraph is a word.
  - IV. Some words are sentences.
- (a) Only IV follows.  
(b) Only III and IV follows.  
(c) either II or III follows.  
(d) Only IV and either II or III follows.  
(e) None of these

**15. Statements:**

All chalks are pen.  
All pens are stand.  
No stands are notebook.  
Some notebooks are books.

**Conclusions:**

- I. Some chalk are not notebooks.
  - II. Some pens are not notebooks.
  - III. No chalk are books.
  - IV. No pen are books.
- (a) Only I and II follows.  
(b) Only III follows.  
(c) Only III and IV follows.  
(d) Only II and III follows.  
(e) None of these

**16. Statements:**

All stations are home.  
No home are garden.  
Some rivers are gardens.  
All rivers are vallies.

**Conclusions :**

- I. Some vallies are garden.
  - II. Some vallies are stations.
  - III. Some vallies are home.
  - IV. No valley is station.
- (a) Only I follows  
(b) Only II and IV follows  
(c) Only I and II follows  
(d) Only I and either II or IV follows  
(e) None of these

**17. Statements :**

Some towers are lanes.  
Some lanes are road.  
Some roads are rivers.  
Some rivers are forest.

**Conclusions :**

- I. Some forests are road.
- II. Some roads are lanes.
- III. Some forests are towers.
- IV. No forest is road.

- (a) Only I follows
- (b) Only II follows
- (c) Only II or either I and IV follows.
- (d) Only IV follows
- (e) Only I, IV and II follows.

**18. Statements :**

- All petals are flowers.
- All thorns are flowers.
- Some leaves are thorns.
- Some stems are flowers.

**Conclusions :**

- I. Some petals are leaves.
- II. All leaves are flowers.
- III. Some stems are petals.
- IV. No petals are leaves.
- (a) None follows.
- (b) Only II follows
- (c) Only II and either I and IV follows.
- (d) Only either I or IV follows.
- (e) None of these

*Direction : 19 to 30***Give answers :**

- (a) If only I follows.
- (b) If only II follows.
- (c) If either I or II follows.
- (d) If neither I nor II follows.
- (e) If both I and II follows.

**19. Statements :**

- All cards are boxes.
- No box is slate.
- Some slate are tiles.

**Conclusions :**

- I. No card is tiles.
- II. Some tiles are boxes.

**20. Statements :**

- Some chairs are desks.
- All rooms are desks.
- All windows are rooms.

**Conclusions :**

- I. All windows are desk.
- II. No chair is window.

**21. Statements :**

- All rings are necklace.
- No earring is bangle.

**Conclusions :**

- I. Some bangle are necklace.
- II. No rings are bangles.

**22. Statements :**

- All petals are flowers.
- Some flowers are not petals.
- Some petals are color.

**Conclusions :**

- I. Some flowers are color.
- II. Some flowers are not color.

**23. Statements:**

- All desks are table.
- Some tables are dowers.
- Some dowers are big.

**Conclusions :**

- I. Some tables are big.
- II. No desks are dowers.

**24. Statements:**

- All colleges are buildings.
- All buildings are concrete
- Some concrete are strong.

**Conclusions :**

- I. Some college are strong.
- II. At least Some concrete is strong.

**25. Statements :**

Some trees are tall.

All tall are healthy.

**Conclusions :**

I. Some healthy are tall.

II. Some trees are not tall.

**26. Statements :**

Some black are blue.

No blue is white.

**Conclusions :**

I. Some white are blue.

II. Some black are not white.

**27. Statements :**

All children are students.

All students are adults.

All adults are workers.

**Conclusions :**

I. At least Some workers are students.

II. All students are adults.

**28. Statements :**

All villages are city.

All cities are country.

Some countries are town.

**Conclusions :**

I. Some towns are village.

II. At least Some towns are country.

**29. Statements :**

Some caps are shirts.

All shirts are paper.

**Conclusions:**

I. All shirts which are caps,are paper.

II. Some shirts are caps.

**30. Statements :**

10% shoes are slippers.

5% slippers are paper.

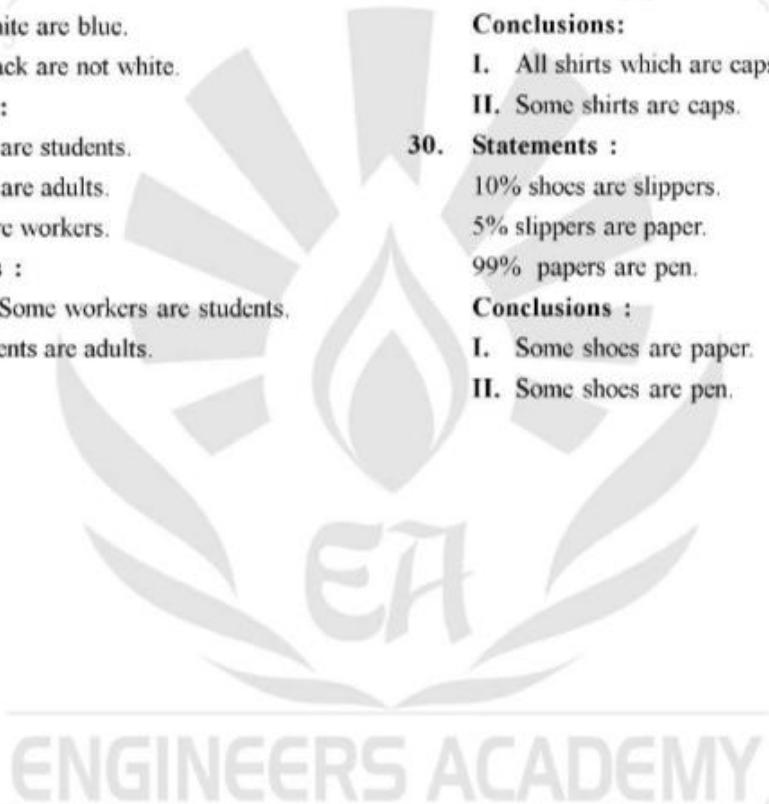
99% papers are pen.

**Conclusions :**

I. Some shoes are paper.

II. Some shoes are pen.

000



**ANSWER KEY**

- |             |              |              |              |
|-------------|--------------|--------------|--------------|
| 1. Ans. (b) | 9. Ans. (d)  | 17. Ans. (c) | 25. Ans. (a) |
| 2. Ans. (a) | 10. Ans. (a) | 18. Ans. (d) | 26. Ans. (b) |
| 3. Ans. (d) | 11. Ans. (c) | 19. Ans. (d) | 27. Ans. (e) |
| 4. Ans. (c) | 12. Ans. (b) | 20. Ans. (a) | 28. Ans. (b) |
| 5. Ans. (c) | 13. Ans. (c) | 21. Ans. (d) | 29. Ans. (e) |
| 6. Ans. (c) | 14. Ans. (d) | 22. Ans. (a) | 30. Ans. (d) |
| 7. Ans. (a) | 15. Ans. (a) | 23. Ans. (d) |              |
| 8. Ans. (c) | 16. Ans. (d) | 24. Ans. (b) | ○○○          |

  
**ENGINEERS ACADEMY**

# EQUALITY-INEQUALITY/SYMBOL NOTATION / SIGN-CONCLUSION

## OBJECTIVE QUESTIONS

CHAPTER

16

**Directions : (1 to 4) :**

In given questions \$, #, %, © and @ sign are used with following different meaning -

- 'A \$ B' means 'A is smaller than B'
- 'A # B' means 'A is not smaller than B'
- 'A % B' means 'A is neither smaller nor greater than B'
- 'A © B' means 'A is greater than B'
- 'A @ B' means 'A is not greater than B'

In each of the following questions , assumed that all are true then find out from conclusion I and II which of them is/are true. Answer these?

- (a) If only conclusion I is True
- (b) If only conclusion II is True
- (c) If either conclusion I or II is True
- (d) If neither conclusion I nor II is True
- (e) If both conclusion I and II are true

1. Statement : L @ R, R % J, J © N

Conclusion : I. L @ N

II. N \$ R

2. Statement : L % T, T @ J, J # K

Conclusion : I. L © K

II. T @ K

3. Statement : D \$ L, L @ V, V # W

Conclusion : I. D \$ V

II. D @ W

4. Statement : G @ K, K @ F, F \$ M

Conclusion : I. G © F

II. K @ M

**Directions : (5 to 8) :**

In given questions \$, #, %, © & @ sign are used with following different meaning -

- 'P © Q' means 'P is not greater than Q'
- 'P \$ Q' means 'P is not smaller than Q'
- 'P # Q' means 'P is neither greater nor smaller than Q'
- 'P @ Q' means 'P is neither greater nor equal to Q'
- 'P % Q' means 'P is neither smaller nor equal to Q'

In each of the following questions , assumed that all are true then find out from conclusion I and II which of them is/are true. Answer these?

- (a) If only conclusion I is true
  - (b) If only conclusion II is True
  - (c) If either conclusion I or II is True
  - (d) If neither conclusion I nor II is True
  - (e) If conclusion I and II both are True.
5. Statement : R \$ T, T @ J, J % M

Conclusion : I. R % M

II. T % M

6. Statement : H # O, H © F, F \$ K

Conclusion : I. F \$ H

II. K # H

7. Statement : W % R, R \$ B, B @ D

Conclusion : I. D % W

II. B @ W

8. Statement : M © T, T @ R, R # F

Conclusion : I. F % T

II. M @ T

**Directions : (9 to 13) :**

A @ B means A is smaller than B

A # B means A is greater than B

A % B means A is neither smaller nor greater than B

A \* B means A is either smaller or equal to B

A \$ B means A is either greater or equal to B

(a) If only conclusion I is true

(b) If only conclusion II is True

(c) If either conclusion I or II is true

(d) If neither conclusion I nor II is True

(e) If I and II both conclusions are true

9. Statement:  $V * T, I \# T, I \$ J$

Conclusion: I.  $V * J$

II.  $V \# J$

10. Statement:  $F @ H, H * J, J \% M$

Conclusion: I.  $F @ M$

II.  $H @ M$

11. Statement:  $E \# J, J \$ T, T * Q$

Conclusion: I.  $E @ Q$

II.  $E \# Q$

12. Statement:  $H \% D, D \$ N, N \# V$

Conclusion: I.  $D \$ V$

II.  $H \$ N$

13. Statement:  $M \$ K, K \$ L, L \% R$

Conclusion: I.  $M \$ L$

II.  $K \$ R$

**Directions : (14 to 18) :** In given questions \$, #, %,

© & @ sign are used with following different meaning -

'P \$ Q' means 'Q is not smaller than P'

'P \* Q' means 'Q is neither smaller nor equal to P'

'P @ Q' means 'Q is not greater than P'

'P # Q' means 'Q is neither greater nor smaller than P'

'P % Q' means 'Q is neither greater nor equal to P'

In each of the following questions, assumed that all are true then find out from conclusion I and II which of them is/are true. Answer these?

(a) If Only conclusion I is True

(b) If Only conclusion II is True

(c) If either conclusion I or II is True

(d) If neither conclusion I nor II is True

(e) If Conclusion I and II both is True

14. Statement:  $M * T, T \$ K, K \# D$

Conclusion: I.  $D \% M$

II.  $T \# M$

15. Statement:  $R @ J, M \# J, D * M$

Conclusion: I.  $D * J$

II.  $R \# M$

16. Statement:  $Z \% T, T * N, H \$ N$

Conclusion: I.  $H * Z$

II.  $T * H$

17. Statement:  $F \$ M, N @ M, F \% W$

Conclusion: I.  $F \# N$

II.  $N \% F$

18. Statement:  $B \# J, J @ D, F \$ D$

Conclusion: I.  $B \# F$

II.  $F * B$

**Directions : (19 to 23) :** In given questions \$, #, %, ©

& @ sign are used with following different meaning-

'P \* Q' means 'P is smaller than Q'

'P \$ Q' means 'P is greater than Q'

'P @ Q' means 'P is either greater or equal to Q'

'P δ Q' means 'P is either smaller or equal to Q'

'P % Q' means 'P is neither greater nor smaller than Q'

19. Statement:  $B \delta D, D \% K, K \$ F$

Conclusion: I.  $F * D$

II.  $K @ B$

20. Statement:  $M * K, K \delta R, R @ B$

Conclusion: I.  $B \% K$

II.  $R \$ M$

21. Statement:  $J \$ T, T @ K, K \% M$

Conclusion: I.  $J \$ K$

II.  $M \delta T$

22. Statement:  $F \% B, B @ D, D * Y$

Conclusion: I.  $D \% F$

II.  $D * F$

23. Statement:  $H @ W, W * M, M \$ B$

Conclusion: I.  $B * W$

II.  $H \$ M$

**Directions : (24 to 28) :** In given questions \$, #, %, ©, δ & @ sign are used with following different meaning-

'P \$ Q' means 'P is neither Greater nor equal to Q'

'P @ Q' means 'P is neither small nor equal to Q'

'P δ Q' means 'P is not Greater than Q'

'P % Q' means 'P is not smaller than Q'

'P © Q' means 'P is neither smaller nor Greater than Q'

In each of the following questions, assumed that all are true then find out from conclusion I and II which of them is/are true. Answer these?

24. Statement : H % D, D @ B, B δ W, W % N

Conclusion : I. H @ B  
II. B \$ N  
III. D @ W

- (a) None of these is true
- (b) Only I is True
- (c) Only II is True
- (d) Only III is True
- (e) Only II and III are true

25. Statement : N © K, K \$ J, J @ T, T % R

Conclusion : I. T @ N  
II. J @ N  
III. R \$ J

- (a) None of these is true
- (b) Only I is True
- (c) Only II is True
- (d) Only III is True
- (e) Only II and III is True

26. Statement : M @ T, T % K, K © R, R \$ J

Conclusion : I. J @ K  
II. R © T  
III. R \$ T

- (a) Only I is True
- (b) Only either II or III is True
- (c) Only either II or III and I is True
- (d) Only II and III is True
- (e) None of these

27. Statement : K δ R, R @ H, H % D, M \$ D

Conclusion : I. D \$ R  
II. K \$ D  
III. M \$ H

- (a) Only I and II is True
- (b) Only II and III is True
- (c) Only I and III is True
- (d) I, II and III all are True
- (e) None of these

28. Statement : T \$ M, M © R, R @ K, K % W

Conclusion : I. W \$ R  
II. K \$ M  
III. R @ T

- (a) Only I and II is True
- (b) Only II and III is True
- (c) Only I and III is True
- (d) I, II and III all are True
- (e) None of these

**Direction : (29 to 34) :** In given questions δ, %, ★, © & @ sign are used with following different meaning -

'P ★ Q' means 'P is not bigger than Q'

'P @ Q' means 'P is neither bigger nor equal to Q'

'P © Q' means 'P is not smaller than Q'

'P % Q' means 'P is neither bigger nor smaller than Q'

'P δ Q' means 'P is neither smaller or equal to Q.'

In each of the following questions, assumed that all are true then find out from conclusion I and II which of them is/are true. Answer these?

29. Statement : R © K, K δ M, M ★ J

Conclusion : I. J δ K  
II. M @ R  
III. M % R

- (a) None of these is true
- (b) Only I is True
- (c) Only II is True
- (d) Only either II or III is True
- (e) Only III is True

30. Statement :  $W \odot K, K \delta R, R \% N$

Conclusion : I.  $N @ K$

II.  $R @ W$

III.  $W \delta N$

- (a) Only I and II are true
- (b) Only either II or III are true
- (c) Only II and III is True
- (d) Only I and III are true
- (e) Only I, II and III is True

31. Statement :  $D @ K, K \% F, F \odot B$

Conclusion : I.  $F \delta D$

II.  $B @ K$

III.  $B \% K$

- (a) Only I is True
- (b) Only II is True
- (c) Only III is True
- (d) Only either II or III is True
- (e) Only either II or III and I are true

32. Statement :  $R \delta B, B \odot N, N @ T$

Conclusion : I.  $N @ R$

II.  $T \delta B$

III.  $T \delta R$

- (a) None of these is true
- (b) Only I is True
- (c) Only II is True
- (d) Only III is True
- (e) Only I and II is True

33. Statement :  $H \star W, W @ N, N \% R$

Conclusion : I.  $R \delta W$

II.  $N \delta W$

III.  $H @ R$

- (a) Only I and II is True
- (b) Only II and III is True
- (c) Only I and III are true
- (d) I, II and III all are True
- (e) None of these

34. Statement :  $Z \% M, M \star F, F \delta D$

Conclusion : I.  $F \% Z$

II.  $F \delta Z$

III.  $D @ Z$

- (a) Only I is True
- (b) Only either I or II is True
- (c) Only II is True
- (d) Only III is True
- (e) None of these

*Direction : (35 to 44) : In given questions, different types of relations are shown between statements and after that two conclusions are given ,answer these*

(a) If Only conclusion I follows

(b) If only conclusion II follows

(c) If either conclusion I or II follow

(d) if neither conclusion neither I nor II follow

(e) If both Conclusion I and II follows

35. Statement :  $N = P, P \leq F, F \geq L, L = K$

Conclusion : I.  $F = K$

II.  $F > K$

36. Statement :  $Z > T, T < M, M < J$

Conclusion : I.  $T < J$

II.  $J < Z$

37. Statement :  $Q = Z, C \geq G, G \geq Q, Q \geq R, J \geq C$

Conclusion : I.  $G \geq Z$

II.  $C \geq R$

38. Statement :  $A > B > C, D > E > F, D > C$

Conclusion : I.  $E > C$

II.  $F > B$

39. Statement :  $K < L, K > M, M \geq N, N > O$

Conclusion : I.  $O < M$

II.  $O < K$

40. Statement :  $A \geq E > I, E = O < U$

Conclusion : I.  $A \geq U$

II.  $U > I$

- 41.** Statement :  $B < C = D \geq E, C < F, B \geq G$   
**Conclusion :** I.  $F > E$   
II.  $G \geq E$
- 42.** Statement :  $P = Q > R \leq S, Q < T \leq U$   
**Conclusion :** I.  $U \geq R$   
II.  $T < S$
- 43.** Statement :  $H > J \geq I < K = L$   
**Conclusion :** I.  $I < H$   
II.  $L > I$
- 44.** Statement :  $M > N = O \leq P, N \geq Q, P \leq R$   
**Conclusion :** I.  $M \geq Q$   
II.  $R \geq N$
- 45.** Which of the following comes at the place of question mark ? so that ' $A > D$ ' and ' $F \geq C$ ' are perfectly true?  
 $A > B \geq C ? D \leq E = F$   
(a) >                  (b) <  
(c) ≤                  (d) =  
(e) either = or ≥
- 46.** Which of from the following ' $R < P$ ' and ' $S > Q$ ' is perfectly true?  
(a)  $P > Q = R \leq T < S$   
(b)  $S > T \geq R > Q \geq P$   
(c)  $Q > R \leq T > P \geq S$   
(d)  $S > T \geq R > Q > P$   
(e) None of these
- 47.** In order to prove ' $V > Z$ ' is perfectly true , what signs to be filled from left to right ?  
 $V \_ W \_ X \_ Z$   
(a) <, ≤, =              (b) >, ≥, <  
(c) =, <, ≤              (d) >, ≥, >  
(e) None of these
- 48.** 'In order to prove' ' $M \leq K$ ' and ' $L > P$ ' is perfectly true , what signs to be filled from left to right ?  
 $K \geq L ? M > N > P$   
(a) >                  (b) <  
(c) ≤                  (d) =  
(e) either < or ≤
- 49.** Which of from the following ' $H \leq F$ ' and ' $J > H$ ' is perfectly true?  
(a)  $F > G > H \geq I = J$   
(b)  $F < G \leq H < I < J$   
(c)  $F \geq G = H \leq I < J$   
(d)  $F = G > H > I = J$   
(e) None of these
- 50.** Given expression ' $A < C \geq B = D \leq E$ ' is perfectly true then which of the following expression is true?  
(a)  $A \leq D$               (b)  $E = C$   
(c)  $D > C$               (d)  $E < B$   
(e) None of these
- 51.** In which of the following expression ' $L > P$ ' is perfectly wrong ?  
(a)  $L > M \geq N = P$   
(b)  $P = N \geq L > M$   
(c)  $P \leq M \leq N < L$   
(d)  $L > M = N \geq P$   
(e) All are false
- Directions : (47 to 51) :** Answer the following questions according to given information in questions
- 52.** Expression ' $J \geq H = I > K$ ' is perfectly true then which of the following expression is true?  
(a)  $J \geq K$               (b)  $K < H$   
(c)  $I \geq J$               (d)  $K = J$   
(e) All are false
- Directions : (52 to 56) :** Answer the following questions according to given information in questions :

- 53.** In which of the following ' $L < P$ ' is not true ?
- $P > N \geq M = L$
  - $L = N \leq M < P$
  - $P < N \leq M \leq L$
  - $L < M = N \leq P$
  - $L < M < N < P$
- 54.** Expression ' $A \geq B = C > D$ ' is perfectly true then which of the following expression is not true?
- $A \geq D$
  - $C \leq A$
  - $D < A$
  - $B > D$
  - All are true
- 55.** In which of the following expression ' $F \leq R$ ' is perfectly true?
- $F < Q \leq G < R$
  - $R \geq Q < G \geq F$
  - $R \geq G = Q \geq F$
  - $F = Q \leq G < R$
  - None of these
- 56.** Expression ' $W \leq V < T \geq S$ ' is perfectly true then which of the following expression is true?
- $W \leq S$
  - $T < W$
  - $V > S$
  - $W \leq T$
  - None of these
- Directions : (57 to 60) :** Answer the following questions according to given information in questions :
- 57.** If given expression ' $A > B \geq C < D \leq E$ ' is perfectly true then which of the following expressions are true?
- $A \geq C$
  - $E > C$
  - $D \geq B$
  - $A > D$
  - All are false
- 58.** If expression ' $E < J \leq H > Z$ ', ' $H \leq Y$ ' and ' $E > F$ ' is true then which of the following conclusion is perfectly wrong?
- $F < Y$
  - $Y > E$
  - $F < H$
  - $J \leq Y$
  - All are true
- 59.** In the given expression ' $K \leq H$ ' and ' $M > J$ ', which of the sign will be placed in order to make expression perfectly true?  
 $H \geq I = J ? K \leq L < M$
- $>$
  - $\geq$
  - $\leq$
  - either  $<$  or  $\leq$
  - $=$
- 60.** In which of the following expression ' $P > S$ ' is perfectly wrong ?
- $P > Q \geq R = S$
  - $S \leq R \leq Q < P$
  - $R = P > Q \geq S$
  - $S > Q \geq R < P$
  - $S < Q \leq R < P$

**ANSWER KEY**

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. Ans. (b)  | 16. Ans. (d) | 31. Ans. (c) | 46. Ans. (a) |
| 2. Ans. (d)  | 17. Ans. (c) | 32. Ans. (b) | 47. Ans. (d) |
| 3. Ans. (a)  | 18. Ans. (c) | 33. Ans. (d) | 48. Ans. (d) |
| 4. Ans. (d)  | 19. Ans. (e) | 34. Ans. (b) | 49. Ans. (c) |
| 5. Ans. (d)  | 20. Ans. (b) | 35. Ans. (c) | 50. Ans. (e) |
| 6. Ans. (a)  | 21. Ans. (e) | 36. Ans. (a) | 51. Ans. (b) |
| 7. Ans. (b)  | 22. Ans. (c) | 37. Ans. (e) | 52. Ans. (b) |
| 8. Ans. (a)  | 23. Ans. (d) | 38. Ans. (d) | 53. Ans. (c) |
| 9. Ans. (d)  | 24. Ans. (b) | 39. Ans. (e) | 54. Ans. (a) |
| 10. Ans. (a) | 25. Ans. (e) | 40. Ans. (b) | 55. Ans. (c) |
| 11. Ans. (d) | 26. Ans. (c) | 41. Ans. (a) | 56. Ans. (e) |
| 12. Ans. (b) | 27. Ans. (c) | 42. Ans. (d) | 57. Ans. (b) |
| 13. Ans. (e) | 28. Ans. (d) | 43. Ans. (e) | 58. Ans. (e) |
| 14. Ans. (a) | 29. Ans. (c) | 44. Ans. (b) | 59. Ans. (e) |
| 15. Ans. (a) | 30. Ans. (e) | 45. Ans. (d) | 60. Ans. (d) |

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ENGINEERS ACADEMY

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**SITTING/SEATING ARRANGEMENT****OBJECTIVE QUESTIONS**

**Directions (Que 1 to 6) :** Read given information carefully & answer the following questions—

P,Q,R,S,T,V and W are seating around a circle facing towards the centre. R is second to right of P , who is immediate right of V. S is second to the left of V .Q is second to the right of W ,who is not immediate neighbour of V and S.

1. Who is immediate left of S ?
  - (a) Q (b) T
  - (c) W (d) V
  - (e) Data Inadequate
2. Who is second to the right of T ?
  - (a) V (b) P
  - (c) W (d) Data Inadequate
  - (e) None of these
3. Who is third to the left of W ?
  - (a) P (b) V
  - (c) T (d) S
  - (e) None of these
4. In the given pairs ,which of the following first person is sitting immediate right to the second person ?
  - (a) RQ (b) QS
  - (c) ST (d) VP
  - (e) None of these
5. Who is fourth to the right of P ?
  - (a) T (b) Q
  - (c) R (d) S
  - (e) None of these
6. Who is fifth to right of T ?
  - (a) V (b) R
  - (c) W (d) S
  - (e) None of these
7. Who is immediate left of E ?
  - (a) H (b) B
  - (c) G (d) Data Inadequate
  - (e) None of these
8. Who is immediate right of A ?
  - (a) H (b) G
  - (c) D (d) Data Inadequate
  - (e) None of these
9. Who is third to the left of E ?
  - (a) H (b) D
  - (c) G (d) Data Inadequate
  - (e) None of these
10. What is the position of F with the reference of G ?
  - (a) Third from left (b) Third from right
  - (c) Fifth from left (d) Fifth from right
  - (e) None of these
11. In the given pairs, which of the following first person sitting immediate left to the second person?
  - (a) BE (b) FB
  - (c) DC (d) GH
  - (e) None of these
12. Who is fifth to right of C ?
  - (a) H (b) G
  - (c) E (d) B
  - (e) None of these

**Directions (Que 7 to 12) :** Read given information carefully & answer the following questions—

A, B, C, D, E, F, G and H are seating around a circle facing towards centre . E is second to the left of F and is third to the right of A .B is third to the right of G who is not immediate neighbour of E and F .C is second to right of B .D is immediate left of A and is third to the left of H.

**Directions (Que 13 to 17) :** Read given information carefully & answer the following questions—

B, D, F, H, K, W, M and T are seating around a circle facing towards centre. F is third to the left of D who is second to the left of H. B is fourth to the right of H. K is third to the right of M who is not neighbour of F. T is not immediate neighbour of B and D.

13. Who is immediate right of T ?

- (a) B (b) K
- (c) W (d) H
- (e) None of these

14. Who is second to the left of B ?

- (a) K (b) D
- (c) F (d) M
- (e) None of these

15. Who is sitting in between D and B ?

- (a) D (b) B
- (c) T (d) W
- (e) None of these

16. Who is third to the left of H ?

- (a) M (b) W
- (c) H (d) K
- (e) None of these

17. What is the position of T with the reference of W ?

- (a) Third from right (b) Third from left
- (c) Fourth from left (d) Second from right
- (e) None of these

**Directions (Que 18 to 23) :** Read given information carefully & answer the following questions—

B, D, F, K, J, R, T and W are seating around a circle facing towards centre. F is fourth to the right of W and is second to the right of D. K is third to the left of J who is not immediate neighbour of W and D. T is second to the right of B and is not neighbour of D.

18. Who is immediate right to J ?

- (a) T (b) F
- (c) B (d) W
- (e) None of these

19. Who is Second to the left of B ?

- (a) D (b) K
- (c) R (d) Data Inadequate
- (e) None of these

20. Who is Third to the left of T ?

- (a) R (b) W
- (c) D (d) Data Inadequate
- (e) None of these

21. In the given pairs, which of the following first person sitting immediate left to the second person?

- (a) TJ (b) FT
- (c) WK (d) DR
- (e) BJ

22. If B and K interchange their positions then who is third to the left of F ?

- (a) B (b) T
- (c) W (d) K
- (e) None of these

23. What is the position of R with the reference of J ?

- (a) Third from left (b) Fourth from left
- (c) Fifth from right (d) Fifth from left
- (e) Sixth from right

**Directions (Que 24 to 28) :** Read given information carefully & answer the following questions—

A, B, C, D, E, F, G, H are sitting around a circle facing towards centre. E and G are sits next to each other. D sits third to the right of C. F is second to the left of H. C never sits next to A. D never sits next to G. H is not neighbour of D and C.

24. Who is sitting between A and D ?

- (a) C (b) F
- (c) E (d) D
- (e) None of these

25. Who is sitting second to the left of B ?

- (a) C (b) E
- (c) F (d) A
- (e) None of these

26. Who is sitting immediate right of F ?

- (a) D (b) G
- (c) A (d) B
- (e) None of these

27. Which of the following pair is sitting between B and F ?

- (a) MB (b) FD
- (c) BG (d) GC
- (e) AH

28. Four of the given five pair are alike in a certain way and form a group. Which is the one that does not belong to that group in the following question?
- (a) CH                    (b) BA  
 (c) FE                    (d) AC  
 (e) DG
- Directions (Que 29 to 35) : Read given information carefully & answer the following questions—*
- A,B,C,D,E,F,G,H and K, nine friends are sitting around circle facing towards centre. A is second to the left of D. K is sitting third to the right of F. Neither K nor F are neighbour of A and D. G and H are neighbour of each other. E is third to the right of H. B and F are not immediate neighbours of each others.
29. What is the F position with reference of B ?
- (a) Second right        (b) Third left  
 (c) Second left          (d) Third right  
 (e) Sixth right
30. Which of the following is the neighbour of H ?
- (a) C                    (b) B  
 (c) K                    (d) F  
 (e) A
31. Starting from A, if all friends are arranged by alphabetically clockwise, then the position of how many friends are remain same (except A)?
- (a) None of these      (b) One  
 (c) Two                  (d) Three  
 (e) Four
32. In such way, H is related to C and B is related to E, then in same pattern, How G is related to which of following ?
- (a) F                    (b) H  
 (c) C                    (d) A  
 (e) D
33. What comes in the place of question mark (?).  
 DC, DB, DF, DA, ?
- (a) DG                    (b) DE  
 (c) DH                    (d) DK  
 (e) Either DK or DE
34. Who is third to the left of A ?
- (a) H                    (b) G  
 (c) C                    (d) F  
 (e) B
35. Which of the following is the neighbour of C ?
- (a) F H                  (b) A B  
 (c) B D                  (d) E K  
 (e) D F
- Directions (Questions 36 to 40) : Read the given information carefully and answer the following questions*
- A, B, C, D, P, Q, R and S are sitting around circle facing towards outside. P is third to the left of A and R is second to the right of A. Q is neither next of P nor R. C is third to the right of B . S is sitting in between C and R.
36. Counting from A to P anticlockwise, then find how many persons are there in between A &P?
- (a) one                  (b) two  
 (c) three                (d) four  
 (e) five
37. Who is sitting between P and S?
- (a) D                    (b) R  
 (c) C                    (d) A  
 (e) Q
38. What is the position of S in reference to D?
- (a) second to left     (b) third to right  
 (c) third to left       (d) exactly to right  
 (e) fourth to the right
39. Who is the exact left of A?
- (a) Q                    (b) R  
 (c) D                    (d) B  
 (e) None of these
40. Four of the given five pair are alike in a certain way and form a group. Which is the one that does not belong to that group in the following question?
- (a) QD                    (b) CS  
 (c) SR                    (d) AB  
 (e) PC

**Directions (Que 41 to 46) :** Read given information carefully & answer the following questions-

A, B, C, D, E, F, G and H are sitting around a circular table facing to the centre. None of two male or female are sitting next to each other. A is wife of H. A is sitting third to the left of E. F's position is second to the right of D. D is not immediate neighbour of A and E. H and C are sitting together. F is not sitting next to his wife B.

41. Which of the following is true about G?

- (a) G is a male
- (b) G is exact middle in between F and H
- (c) G is third to the left of E
- (d) G is second to the right of B
- (e) None of these

42. Which of the following is third to the left of B?

- (a) F
- (b) H
- (c) D
- (d) A
- (e) None of these

43. Counting from B in the anticlockwise direction, then how many people are between B and F?

- (a) one
- (b) two
- (c) three
- (d) four
- (e) more than four

44. Four of the given five pair are alike in a certain way and form a group. Which is the one that does not belongs to that group in the following question?

- |       |       |
|-------|-------|
| (a) H | (b) F |
| (c) E | (d) G |
| (e) D |       |

45. Which of the following group have only female members?

- |                   |             |
|-------------------|-------------|
| (a) A, B, H       | (b) G, F, C |
| (c) C, H, G       | (d) D, H, C |
| (e) None of these |             |

46. Starting from A, if all friends are arranged by alphabetically clockwise, then the positions of how many friends remains same? (except A)

- |          |           |
|----------|-----------|
| (a) None | (b) one   |
| (c) two  | (d) three |
| (e) four |           |

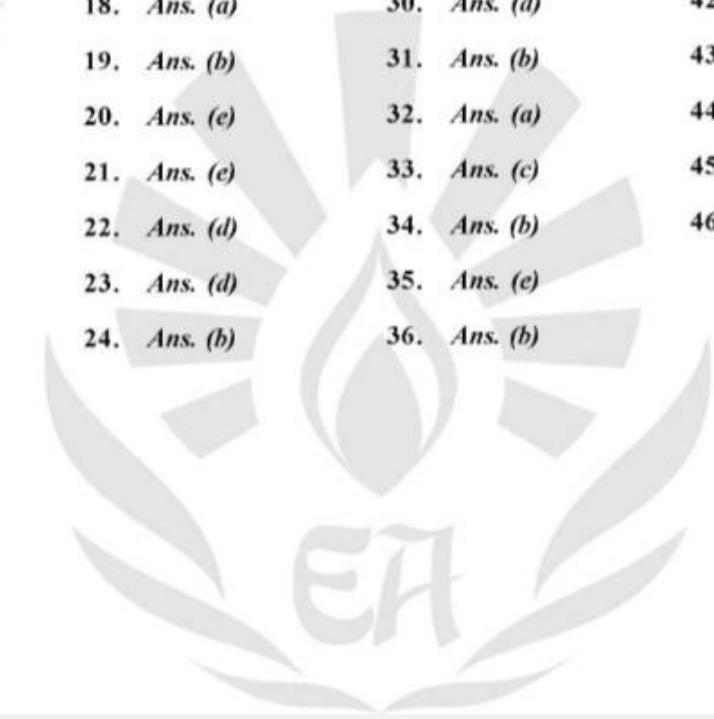
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**ANSWER KEY**

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. Ans. (a)  | 13. Ans. (b) | 25. Ans. (d) | 37. Ans. (c) |
| 2. Ans. (b)  | 14. Ans. (a) | 26. Ans. (c) | 38. Ans. (c) |
| 3. Ans. (c)  | 15. Ans. (d) | 27. Ans. (e) | 39. Ans. (a) |
| 4. Ans. (e)  | 16. Ans. (b) | 28. Ans. (d) | 40. Ans. (d) |
| 5. Ans. (d)  | 17. Ans. (c) | 29. Ans. (d) | 41. Ans. (d) |
| 6. Ans. (e)  | 18. Ans. (a) | 30. Ans. (d) | 42. Ans. (b) |
| 7. Ans. (a)  | 19. Ans. (b) | 31. Ans. (b) | 43. Ans. (b) |
| 8. Ans. (b)  | 20. Ans. (e) | 32. Ans. (a) | 44. Ans. (d) |
| 9. Ans. (e)  | 21. Ans. (e) | 33. Ans. (c) | 45. Ans. (e) |
| 10. Ans. (e) | 22. Ans. (d) | 34. Ans. (b) | 46. Ans. (c) |
| 11. Ans. (d) | 23. Ans. (d) | 35. Ans. (e) |              |
| 12. Ans. (c) | 24. Ans. (b) | 36. Ans. (b) | ○○○          |

  
**ENGINEERS ACADEMY**

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## PUZZLE TEST

### OBJECTIVE QUESTIONS

**CHAPTER  
18**

**Directions (Questions 1 to 5) :** Read the given information carefully and answer the following questions –

In a school campus a training camp is started for teachers from 10<sup>th</sup> January to 17 January for seven subjects – Hindi, Maths, Science, Commerce, English, Sanskrit and Urdu.

- (i) Training camp is not started from Commerce subject.
  - (ii) Training camp is off on 13<sup>th</sup> January due to Sunday.
  - (iii) Training of Urdu subject was just before Sanskrit.
  - (iv) English is organized just after the holiday.
  - (v) There is one day in between Hindi and Sanskrit.
  - (vi) Maths was organized just before the holiday.
1. From the following which subject started first in the training camp ?
- |             |              |
|-------------|--------------|
| (a) English | (b) Commerce |
| (c) Science | (d) Urdu     |
2. Which subject was organized on Wednesday ?
- |           |              |
|-----------|--------------|
| (a) Urdu  | (b) Commerce |
| (c) Hindi | (d) Sanskrit |
3. Which subject was organized just before Hindi ?
- |             |             |
|-------------|-------------|
| (a) Science | (b) Maths   |
| (c) Urdu    | (d) English |
4. How many number of days in between commerce and Urdu ?
- |       |       |
|-------|-------|
| (a) 3 | (b) 4 |
| (c) 2 | (d) 5 |
5. Maths was started just after the following subject?
- |              |             |
|--------------|-------------|
| (a) Urdu     | (b) Hindi   |
| (c) Commerce | (d) Science |

**Directions (Que 6 to 10) :** Read the given information carefully and answer the following questions –

In a college a training camp is started for teachers from 22<sup>nd</sup> July to 29<sup>th</sup> July for seven subjects- Education, Psychology, Sociology, Philosophy, Economics, Science and Engineering.

- (i) Training camp starts from Psychology.
  - (ii) Training camp is off on 23<sup>rd</sup> July due to Sunday.
  - (iii) Science is organized just before Engineering.
  - (iv) Training camp ends with education subject.
  - (v) Philosophy is organized just after the holiday.
  - (vi) Only one subject is organized in between economic & engineering(economics is organized before than engineering)
  - (vii) Engineering comes between science and Sociology.
6. Which subject started first in the training camp ?
- |                   |               |
|-------------------|---------------|
| (a) Psychology    | (b) Education |
| (c) Philosophy    | (d) Economics |
| (e) None of these |               |
7. Which subject was organized on Tuesday ?
- |                   |                 |
|-------------------|-----------------|
| (a) Education     | (b) Engineering |
| (c) Economics     | (d) Philosophy  |
| (e) None of these |                 |
8. Which subject was organized just before education?
- |                   |                 |
|-------------------|-----------------|
| (a) Economics     | (b) Engineering |
| (c) Philosophy    | (d) Psychology  |
| (e) None of these |                 |

9. How many number of days in between science and Philosophy ?
- one
  - two
  - three
  - None of difference
  - None of these
10. Science was started just after the following subject?
- Engineering
  - Physiology
  - Philosophy
  - Economics
  - None of these
- Directions(Que 11 to 15) : Read the given information carefully and answer the following questions –*
- A sports event starts from Monday to Sunday, different games are organized in seven days. Two-two games are fixed to organize on Saturday & Sunday. In remaining days one game is organized daily. Nine games of days are-Basketball, Football, Boxing, Spiriting, Swimming, Shooting, Weightlifting, Wrestling, and cycling, but not necessary in same order. Shooting is decided to organize on Thursday. Boxing and Cycling are organized on same day. Wrestling starts just three days before Basketball means there will be two games organized between basketballs and wrestling. Wrestling was not organized on Wednesday. Boxing was organized just before Weightlifting. Wrestling was organized, just before than football. Swimming will not organized on Monday.
11. Which game will be organized on Sunday?
- Football
  - wrestling
  - basketball
  - cycling
  - swimming
12. On which day weightlifting will be decided to organized ?
- monday
  - tuesday
  - wednesday
  - friday
  - sunday
13. Shooting has a relation with basketball as same wrestling has with.....?
- sprinting
  - football
  - shooting
  - weightlifting
  - boxing
14. On which day sprinting will be decided to organize?
- saturday
  - friday
  - wednesday
  - monday
  - cannot be determined
15. Which game will be organized on Friday ?
- basketball
  - wrestling
  - swimming
  - weightlifting
  - sprinting
- Directions(Que 16 to 20) : Read the given information carefully and answer the following questions –*
- Six games were organized from Monday to Sunday. Every day a game will organized. The day on which no game is organized is not Monday or Sunday.
  - Games are organized in 2 sets of games means three-three games are organized without any break means no game day is either before or after the set of games.
  - Game Z was organized on 26 and game X organized on 31 of the same month.
  - Game B is not organized just after A (but organized after A , not necessary just after) and game M organized just before Q.
  - All games were organized in the same month
16. Which game will be organized on Monday ?
- Z
  - M
  - Q
  - cannot be determined
  - None of these
17. On what day game Z was organized ?
- tuesday
  - monday
  - wednesday
  - cannot be determined
  - None of these
18. What was the date of the day “no game” ?
- 26
  - 28
  - 29
  - Cannot be determined
  - None of these

19. Which of the following is true ?
- Game B is started just before game M
  - Game Z organized after game B
  - There is a gap between two games and still 4 games was organized.
  - First game was organized on date 25
  - Game B organized on Friday
20. On what day game Q was organized ?
- Friday
  - Wednesday
  - Saturday
  - Cannot be determined
  - None of these
- Directions (Questions 21 to 23) :** Read the given information carefully and answer the following questions
- There are seven floors in a building. P, Q, R, S, T, U and V are living on different floors (Number of ground floor is 1 & 2 number just above it and so on). One floor is unused in the building. P lives on the fifth floor of the Building. None floor is unused below than fifth floor & all the floors with odd number are also used. Only S is living in between T & V. T is not living on the odd floor. T is not neighbour of R. Q is not live on 1st floor.
21. On which of the following floor R is living ?
- seventh
  - sixth
  - third
  - second
  - first
22. Which of the following floor is unused ?
- seventh
  - sixth
  - third
  - second
  - fourth
23. Who is living on the top floor of the building ?
- Q
  - S
  - R
  - V
  - None
- Directions (Questions 24 to 28) :** Read the given information carefully and answer the following questions –
- Seven flights – Jet Airways, British Airways, Deltas, Qantas, Emiratis, Luftangja, Air India goes to London. There is only one flight to London on every day, from Monday to Sunday. Delta take off on Wednesday. Flight of Air India takes off after next day of the flight British Airways. Flight of British Airways not takes off on Monday and Friday. Two flights flies between British Airways and Emiratis. Flight of Emiratis not takes off on Sunday. Flight of Qantas takes off just one day before Luftangja.
24. On which day flight of Jet Airways take off ?
- friday
  - sunday
  - tuesday
  - thursday
  - None of these
25. How many flights take off between Qantas and Luftangja ?
- None
  - one
  - two
  - three
  - five
26. Which flight takes off on Friday ?
- Air India
  - Jet Airways
  - Emiratis
  - Luftangja
  - Qantas
27. If due to some technical reasons Delta postponed their flights and shifts to Sunday and all flights from Thursday to Sunday shifted to one day, then which flight take off on Friday ?
- Luftangja
  - Jet Airways
  - British Airways
  - Air India
  - Qantas
28. From the given takeoff schedule, there is a special relation of Emiratis to British Airways & same as Delta to Qantas then from the same relation Jet Airways is related to which of following ?
- Luftangja
  - Qantas
  - Deltas
  - Air India
  - None of these
- Directions (Questions 29 to 33) :** Read the given information carefully and answer the following questions
- Five people A, B, C, D, and E lives in a family.
  - There business are- Doctor, Teacher, Businessman, Advocate and Farmer but not in same order.
  - B is an unmarried Teacher who is daughter of A.
  - E is an Advocate who is brother of C.
  - There is only a married couple in family and from that C is husband.
  - A who is a farmer is father of two son and one unmarried daughter.
  - Daughter in law of A is a doctor.
29. Which of the following is a group of females ?
- B and D
  - B and C
  - A and E
  - A and D

30. Which of the following is a group of males ?  
 (a) A, D, E      (b) A, B, C  
 (c) A, B, E      (d) A, C, E
31. Which of the following is a group married couple ?  
 (a) A, D      (b) C, D  
 (c) C, E      (d) A, E
32. Which of the following family member is a doctor ?  
 (a) C      (b) B  
 (c) D      (d) A
33. Which of the following family member is a Businessman ?  
 (a) C      (b) B  
 (c) D      (d) E

*Directions (Questions 34 to 35) : Read the given information carefully and answer the following questions –*

A, B, C, D, E and F are living on different floors (Number of ground floor is 1, and 2 number just above it and so on to 6). A is living on the even number floor. There are two floors in between D & F. F is living above than the D floor. D is not living on second floor. B is not living on odd number floor. C is not living below than F. E is neither living above nor down floor of B.

34. Which of the following living exactly in the middle in between D and F floor?  
 (a) E, B      (b) C, B  
 (c) E, C      (d) A, E  
 (e) B, A
35. B is living on which of following floor ?  
 (a) sixth      (b) fourth  
 (c) second      (d) fifth  
 (e) cannot be determined

*Directions (Questions 36 to 40) : Read the given information carefully and answer the following questions –*

Six friends R, B, M, J, S and Q are studying in different schools. These schools are –X, Y, Z. Only two friends are studying in a school. From these every one likes different books like- Batman, Donald Duck, Fantum, Mickey Mouse, Spiderman and Archives (not necessary in same order). J reads archives but not studying in school Z. M likes Batman and he goes with S to school Y. Q goes to school Z and he does not like Fantum or Spiderman comic and he is not studying in class X. R likes Mickey Mouse and he is studying in Z. One who likes Fantum, he is not studying in school Y.

36. Who is studying in school X ?  
 (a) B and J      (b) S and Q  
 (c) M and J      (d) R and Q  
 (e) None of these

37. B likes which comic ?  
 (a) Fantum      (b) Batman  
 (c) Donald Duck      (d) Archives  
 (e) None of these

38. Who likes Donald Duck ?  
 (a) R      (b) J  
 (c) Q      (d) M  
 (e) B

39. S likes which comic ?  
 (a) Fantum      (b) Batman  
 (c) Donald Duck      (d) Archives  
 (e) None of these

40. Who are studying in school Z ?  
 (a) J, B      (b) S, Q  
 (c) J, Q      (d) R, Q  
 (e) M, S

*Directions (Questions 41 to 45) : Read the given information carefully and answer the following questions –*

- (i) A, B, C, D, E and F are six teachers of a school. From these every teacher teaches two subjects, one is compulsory and second is optional.  
 (ii) Optional subject of D is History which is compulsory subject for other three teachers.  
 (iii) Physics is any one subject of E and F.  
 (iv) Maths is compulsory subject of F and is optional subject of C and E.  
 (v) History and English are subjects of A but as compulsory and optional these are just opposite of D.  
 (vi) Chemistry is optional subject for only one teacher. Only female teacher of school has English as compulsory subject.

41. Who is female teacher in group ?  
 (a) A      (b) B  
 (c) C      (d) D  
 (e) E

42. What is compulsory subject for C ?  
 (a) History      (b) Physics  
 (c) Maths      (d) English  
 (e) Chemistry

43. Which of the following group has history as compulsory subject ?  
 (a) Only A, C and D  
 (b) Only B, C and D  
 (c) Only C and D  
 (d) Only A, B and D  
 (e) None of these
44. Which of the following has same compulsory or optional subject as F ?  
 (a) A                         (b) B  
 (c) C                         (d) D  
 (e) None of these
45. If it assumed that there is no compulsory or optional subject,then which of the following has same subject as F ?  
 (a) A                         (b) B  
 (c) D                         (d) E  
 (e) None of these
46. What is the time duration of B ?  
 (a) 2 Hours 30 minutes (b) 2 Hours  
 (c) 1 Hours                     (d) 30 minutes  
 (e) None of these
47. What is the day of holiday ?  
 (a) tuesday                     (b) monday  
 (c) friday                      (d) saturday  
 (e) cannot be determined
48. Which of the following gives correct conclusion for drama-day-duration ?  
 (a) E -wednesday- 2 hour  
 (b) A -tuesday-1 hour  
 (c) C -thursday-1 hour 30 minutes  
 (d) F -tuesday-3hours  
 (e) None of these
49. On which day D will be played ?  
 (a) wednesday                 (b) saturday  
 (c) friday                      (d) monday  
 (e) cannot be determined
50. How many dramas were played before holiday ?  
 (a) two                         (b) one  
 (c) five                         (d) three  
 (e) None of these

**Directions (Questions 46 to 52) :** Read the given information carefully and answer the following questions –

Six dramas A, B, C, D, E and F will be played from Monday to Sunday, and one day will be Holiday but not necessary in same order. Time duration of each drama is different as half hour, 1 hour, 1 hour 30 minutes, 2 hours, 2 hours 30 minutes & 3 hours but not necessary in same order. Day of Sunday is not holiday & that day a drama of half hour duration is played. Drama A is played just before drama E. Two dramas are played in between drama F which is 3 hour & C which is 1 hour 30 minutes. Holiday is after drama E. There are two days in between holiday & drama A. Drama D which is 2 hours is not played on Monday. Drama played just before the holiday is 3 hours drama. Duration of drama A is less than 2 hours 30 minutes.

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**ANSWER KEY**

- |              |              |              |              |
|--------------|--------------|--------------|--------------|
| 1. Ans. (c)  | 13. Ans. (b) | 25. Ans. (a) | 37. Ans. (a) |
| 2. Ans. (a)  | 14. Ans. (d) | 26. Ans. (a) | 38. Ans. (c) |
| 3. Ans. (d)  | 15. Ans. (a) | 27. Ans. (e) | 39. Ans. (e) |
| 4. Ans. (b)  | 16. Ans. (e) | 28. Ans. (d) | 40. Ans. (d) |
| 5. Ans. (c)  | 17. Ans. (a) | 29. Ans. (a) | 41. Ans. (d) |
| 6. Ans. (a)  | 18. Ans. (b) | 30. Ans. (d) | 42. Ans. (a) |
| 7. Ans. (c)  | 19. Ans. (d) | 31. Ans. (b) | 43. Ans. (e) |
| 8. Ans. (e)  | 20. Ans. (c) | 32. Ans. (c) | 44. Ans. (e) |
| 9. Ans. (a)  | 21. Ans. (e) | 33. Ans. (a) | 45. Ans. (d) |
| 10. Ans. (d) | 22. Ans. (b) | 34. Ans. (d) | 46. Ans. (d) |
| 11. Ans. (e) | 23. Ans. (a) | 35. Ans. (a) | 47. Ans. (c) |
| 12. Ans. (e) | 24. Ans. (c) | 36. Ans. (a) | 48. Ans. (b) |
|              |              |              | 49. Ans. (b) |
|              |              |              | 50. Ans. (b) |

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ENGINEERS ACADEMY

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## DATA SUFFICIENCY

### OBJECTIVE QUESTIONS

CHAPTER

# 19

**Instruction(Questions 1 to 30)**

- (a) If only statement I is sufficient for the answer of given question.
  - (b) If only statement II is sufficient for the answer of given question.
  - (c) If either only statement I or only statement II is sufficient for the answer of given question.
  - (d) If statement I and II are not sufficient for the answer of given question.
  - (e) If statement I and II both are sufficient for the answer of given question.
1. Who is heaviest among P, Q, R, S, T & V ?
- P & S are heavier than Q, T & V, but not heaviest.
  - P is heavier than S but lighter than R.
2. Who is immediate right of R, if P, Q, R, S & T are sitting around a circle table facing towards center ?
- P & T are neighbours of S.
  - Q is immediate left of T.
3. Who is immediate right of B, if A, B, C, D & F are sitting around a circle table facing towards center ?
- D sits in between A & E.
  - C sits in between B & F.
4. What is the code for 'WATER' ?
- give me water - na tom od
  - come to me - tom ho da
5. What is D's direction with respect of E ?
- N is in west of E and D is in east of N.
  - P is in east of E and D sits in between P & E.
6. Who is reached office first among P, Q, R, S & T ?
- R reached only before than Q.
  - S reached only after than P.
7. What is the code for 'brave' ?
- 'boy is brave' - 'ha ka ta'.
  - 'brave and clever' - 'na pa ka'.
8. Who is reached first among A, B, C, D, E ?
- B reached before than E, A & C but not first.
  - A reached before than E & C but not from D & B. D reached before than B.
9. How many students get first division among 48 ?
- Second division are twice than first division & remaining are fail.
  - Sum of failures are thrice than the first division.
10. On which day Praveen's father celebrate his birthday in March ?
- Praveen remember that his father b'day is after 14<sup>th</sup> & before then 19<sup>th</sup> March.
  - Praveen's sister remember that his father b'day is after 17<sup>th</sup> & before then 21<sup>st</sup> March.
11. What is the code for 'FOOD' ?
- always eating good food - ha na pa ta.
  - enjoy eating good food - ni ha ja pa.
12. 'Ni' is stand for ?
- 'Ni La Pe Sa' - 'Many Bananas and Apples' & 'Vi Pi Ni Se' - 'Apples Are Sweet Fruits'.
  - 'Pa Ba Lo Ni' - 'Costly Apples and mangoes' & 'Ba Pe Lo Se Vi' - 'mangoes and pomegranates are Costly'.
13. Who is largest among A, B, C, D & E ?
- C is not smaller than A and is 2<sup>nd</sup> largest.
  - D is not large than C but larger than B.

14. How many girls are in the row ?
- A & B are 9<sup>th</sup> from right and 10<sup>th</sup> from the left end respectively.
  - M & N are 17<sup>th</sup> from right and 18<sup>th</sup> from the left end respectively.
15. On which date of month Chetna celebrate his birthday ?
- Chetna's brother remember that her b'day is after 13<sup>th</sup> & before then 20<sup>th</sup> of the month.
  - Chetna's sister remember that her b'day is after 18<sup>th</sup> & before then 24<sup>th</sup> of the month.
16. Who is most intelligent among L , M , N , P & R ?
- L is less intelligent than M.N is less intelligent than P.
  - M is less intelligent than N.L is more intelligent than R.
17. Is S is aunt of T ?
- K is father of only P & T.
  - T is niece of S.
18. L, M & N likes ice cream,chips,chocolate.Who likes chips ?
- L does not like chocolate.
  - N like ice cream.
19. Are A, B, C, D & E facing towards center sitting around circular table ?
- A is 3<sup>rd</sup> right of D who is facing centre.B is 2<sup>nd</sup> right of A.
  - C is 2<sup>nd</sup> left of E who is facing centre.D is 2<sup>nd</sup> right of C.
20. What is the date today ? (without consider month and year.)
- Four week ago the date is 24.
  - Last month was the largest month in days.
21. Is B sits left most in a north facing row of five friend ?
- B & D sits next to each other. C & E sits next to each other.A sits mid of row.
  - A who sits mid of row is 2<sup>nd</sup> left of C.A is not next to B.
22. What is the facing side of Shilpa ?
- If Meeta who is facing towards south is turn to her left,her face is in the same side of Shilpa.
  - If Udaya who is facing towards north is turn to his left,his face is in the opposite side of Shilpa.
23. Is S is mother of M ?
- M is sister of Q who is sister of R.R is daughter of S.
  - M is daughter of L who is sister of V.
24. What is the B's direction with respect of point A ?
- If a person walk 4 meter towards north from point A and then take twice right 4-4 meter it reached at point C which is 8 meter from point B.
  - Point D is 2 meter in east of point A and is 4 meter in west of point B.
25. In a six floor building,five persons P,Q,R,S & T are lives.Floor 3<sup>rd</sup> is empty floor.If each of them lives on different floor then what is number of the T's floor ?
- S lives in between R & T.
  - Two floors are in between T & Q.
26. What is the code for 'came' ?
- 'we came by car' - '4 9 2 8' & 'can we buy car' - '5 8 0 2'.
  - 'can car be cheap' - '8 1 5 3' & 'came by cheap car' - '9 8 4 1'.
27. Who is smallest among Jyoti,Leena,Piya,Kajal & Shreya ?
- Leena is taller than Piya who is taller than only Shreya.
  - Kajal is tall than Jyoti & Leena.Leena is taller than Piya.Shreya is not tallest.
28. Which is heaviest bag among P, Q, R, S & T ?
- Bag Q is heavy than R & S.Only bag T is heavier than Bag P.
  - Only 3 bags are lighter than R.Bag Q is 50 kg which is 2 kg more than bag R.

29. Are A, B, C, D & E facing towards center sitting around circular table ?
- A is 3<sup>rd</sup> left of B who is facing centre.D & E sits next to each other.C is 2<sup>nd</sup> right of E.
  - D is 2<sup>nd</sup> right of C who is facing centre.A & E are neighbour of D.B is 2<sup>nd</sup> right of A.
30. Is Chemistry teach on Wednesday if five subjects Physics,Chemistry,Botany,Zoology & Maths are teaches Monday to Friday in a week ?
- Two subjects teach in between Zoology & Maths.Maths teach before than Zoology.Chemistry is immediate next day of Physics.Botany is not teach on Friday.
  - Three subjects teach in between Zoology & Botany.Maths is immediate previous day of Physics.
- Direction (31 to 35) :** The following question are followed by I, II and III statements, you to find out which of the statement is sufficient or insufficient for given question.
31. How many daughter does W have ?
- B & D are sisters of M.
  - T is father of M and is husband of W.
  - T has three child,one of them is boy.
- only I & III
  - All I, II & III statements are essential for answer.
  - only II & III
  - All I, II & III statements are insufficient for answer
  - only I & III
32. Who is longest among A, B, C, D, E & F ?
- B is larger than A but smaller than E.
  - Only two are smaller than C.
  - D is only larger than F.
- only I & II
  - only I & III (c) only II & III
  - All I, II & III statements are essential for answer.
  - All I, II & III statements are insufficient for answer
33. What is code for 'go' ?
- 'now or never again' is coded by 'tom ka na sa'.
  - 'you come again now' is coded by 'ja ka ta sa'.
  - 'again go now or never' is coded by 'na ho ka sa tom'.
- only I & III
  - only II & III
  - only I & II
  - All I, II & III statements are essential for answer.
  - None of these
34. What is resultant direction of village J with respect of village W ?
- village R is in west of village W and is north of village T.
  - village Z is in east of village J and is south of village T.
  - village M is in north- east of village J and is north of village Z.
- only III
  - only II & III
  - All I, II & III statements are essential for answer.
  - All I, II & III statements are insufficient for answer
  - None of these
35. On which day of week Suresh went to Chennai ? week-mon to sun.
- Suresh take a leave on wednesday.
  - Suresh goes to chennai next day of the day on his mother came.
  - Suresh's mother neither comes on Monday nor Thursday.
- only II & III
  - only I & II
  - only I & III
  - All I, II & III statements are essential for answer.
  - All I, II & III statements are insufficient for answer

**ANSWER KEY**

- |             |              |              |              |
|-------------|--------------|--------------|--------------|
| 1. Ans. (a) | 10. Ans. (e) | 19. Ans. (e) | 28. Ans. (c) |
| 2. Ans. (e) | 11. Ans. (d) | 20. Ans. (e) | 29. Ans. (d) |
| 3. Ans. (e) | 12. Ans. (a) | 21. Ans. (b) | 30. Ans. (c) |
| 4. Ans. (d) | 13. Ans. (e) | 22. Ans. (c) | 31. Ans. (c) |
| 5. Ans. (b) | 14. Ans. (d) | 23. Ans. (e) | 32. Ans. (d) |
| 6. Ans. (b) | 15. Ans. (e) | 24. Ans. (b) | 33. Ans. (a) |
| 7. Ans. (e) | 16. Ans. (e) | 25. Ans. (e) | 34. Ans. (e) |
| 8. Ans. (c) | 17. Ans. (d) | 26. Ans. (d) | 35. Ans. (e) |
| 9. Ans. (e) | 18. Ans. (e) | 27. Ans. (a) |              |

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## STATEMENT-ASSUMPTIONS

### OBJECTIVE QUESTIONS

**CHAPTER  
20**

**Direction : (1 to 20) :**

In each question below is given a statement followed by two assumptions numbered I & II. Assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

Give answer

- (a) if only Assumption I is implicit.
- (b) if only Assumption II is implicit.
- (c) if either Assumption I or II is implicit.
- (d) if neither Assumption I nor II is implicit.
- (e) if both Assumption I and II is implicit.

1. **Statement:** The civic body put up a huge notice board on the beach located at an isolated part of the city as "Many picnickers died while swimming in the sea during the past few months."

**Assumptions:**

- I. Picnickers may ignore the notice and continue venturing into the sea.
- II. Picnickers may read and be careful while venturing into the sea.

2. **Statement :** The govt. has recently advised all the public sector banks to reduce rate of interest on home loans up to Rs. 25 lakhs.

**Assumptions :**

- I. The public sector banks may reduce interest on all home loans up to Rs.25 lakhs.
- II. People may take undue advantage of the govt.'s decision.

3. **Statement :** The local hospital put up a notice board at the main entrance stating that the hospital will carry out free check up for detecting cancer for the people staying entire locality.

**Assumptions :**

- I. Large number of people living in the locality may avail the free check up facility offered by the hospital
- II. Hospital staff deployed for the purpose may be able to cope up rush of people for check up.

4. **Statement :** The government has decided to distribute 3 kgs. Of food grains to every family living below poverty line for the next three months at a nominal price of Rs. 5 per Kg.

**Assumptions :**

- I. The govt. has enough stock to distribute food grains for the entire period.
- II. Families living below poverty line may be able to afford to buy food grains at Rs.5 per kg.

5. **Statement:** The cricketing body decided to held the final match the tournament in the biggest stadium of the country which can accommodate above one lakh spectators.

**Assumptions:**

- I. Most of the tickets may be sold resulting in to huge income for cricketing body.
- II. Most of the spectators may prefer to watch the match on TV at their homes rather than going to the stadium.

6. **Statement :** Many organizations have switched to on-line mode of examination.
- Assumptions :**
- I. Candidates from all parts of the country may be well versed using computers.
  - II. On-line mode of examinations helps in recruiting more capable personnel.
7. **Statement :** Government has decided to relocate all the factories from the city with immediate effect to reduce of the pollution.
- Assumptions :**
- I. Pollution in the city is being caused only because of the factories existing there.
  - II. People maybe able to manage traveling daily to the relocated factories.
8. **Statement :** The government announced a heavy compensation package for all the victims of the terrorist attacks.
- Assumptions :**
- I. Such incidents of terror may not occur in near future.
  - II. Compensation may mitigate the anger among the citizens against the current govt.
9. **Statement :** Gambling through lotteries is banned by central government in all the states with immediate effect.
- Assumptions :**
- I. This may save innocent citizens from getting cheated of their hard earned money.
  - II. The citizens may not gamble in any other way if the lotteries are banned.
10. **Statement :** Even though the number of sugar factories is increasing at a high rate in India we still continue to import it from other countries.
- Assumptions :**
- I. Even the increased number of factories may not be able to meet the demand of sugar in India.
  - II. The demand for sugar may increase substantially in future.
11. **Statement :** A major retail store announced thirty percent reduction on all food items during the weekend.
- Assumptions :**
- I. People may still prefer buying food items from other stroes.
  - II. Large number of customers may visit the retail stores and buy food items.
12. **Statement :** The captain of the school football team selected only fourteen players to play all the eight matches of the interschool football competition.
- Assumptions :**
- I. There may be adequate number of football Players for all the matches.
  - II. The captain may be able to play in all the matches.
13. **Statement :** The railway authority has rescheduled the departure time of many long distance trains and put up the revised timing on its website.
- Assumptions :**
- I. The passengers may note the change in departure times from the website.
  - II. The passengers may be able to notice the change and board their respective trains before departure.
14. **Statement :** The school authority has decided to give five grace marks in English to all the students of Std. IX as the performance of these students in English was below expectation.
- Assumptions :**
- I. Majority of the students of Std. IX may still fail in English even after giving grace marks.
  - II. Majority of the students of Std. IX may now pass in English after giving grace marks.
15. **Statement :** The civic administration has asked the residents of the dilapidated buildings to move out as these buildings will be demolished within next thirty days.
- Assumptions :**
- I. The civic administration may be able to demolish these building as per schedule.
  - II. The residents of these buildings may vacated and stay elsewhere.

16. **Statement :** The govt. has decided to earmark a separate lane in the metropolis for passenger vehicles with more than one occupant.

**Assumptions :**

- I. The move may help decongest the roads of the metropolis.
- II. Many people may resort to pool car system to avoid traffic snarls.

17. **Statement :** The railway authority has announced that it will carry out major repair work for two days beginning Saturday on the main line connecting the two big cities in the State bringing the rail service to a halt.

**Assumptions :**

- I. People may reschedule their journey in view of the railway authority's decision.
- II. People may still plan their travel by train between the two cities even on these two days.

18. **Statement :** The govt. has directed all the degree colleges to declare results of all the examination within a fortnight after the last date of examination.

**Assumptions :**

- I. The college authorities may not be able to declare all the results within the stipulated time.
- II. Many college authorities may not be able to conduct all the examinations in time.

19. **Statement :** Manish invited all his friends to his house for dinner on his birthday and requested his mother to arrange for the birthday party.

**Assumptions :**

- I. Most of Manish's friends may attend his birthday party.
- II. Manish's mother may be able to make all the arrangements including food for all his friends.

20. **Statement :** The civic authority of the metropolis has decided to suspend sanctioning of new building proposals for six months and assess the impact of the current building projects on the city's amenities.

**Assumptions :**

- I. The builders' lobby may move the court against the civic body's decision.
- II. The civic authority may be able to complete the impact study in about six months.

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**ANSWER KEY**

- |             |              |              |              |
|-------------|--------------|--------------|--------------|
| 1. Ans. (b) | 6. Ans. (a)  | 11. Ans. (b) | 16. Ans. (a) |
| 2. Ans. (a) | 7. Ans. (b)  | 12. Ans. (c) | 17. Ans. (a) |
| 3. Ans. (e) | 8. Ans. (d)  | 13. Ans. (e) | 18. Ans. (d) |
| 4. Ans. (e) | 9. Ans. (a)  | 14. Ans. (b) | 19. Ans. (e) |
| 5. Ans. (a) | 10. Ans. (a) | 15. Ans. (c) | 20. Ans. (b) |

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## CAUSE AND EFFECT

### OBJECTIVE QUESTIONS

**Direction : 1 -20**

Below in each question are given two statements A and B. These statements may be either independent causes or may be effects of independent causes or a common cause. One of these statements may be the effect of the other statement. Read both the statements and decide which of the following answer choice correctly depicts the relationship between these two statements.

Mark answer (a) If statement A is the cause and statement B is its effect.

Mark answer (b) If statement B is the cause and statement A is its effect.

Mark answer (c) If both the statement A & B are independent Causes.

Mark answer (d) If both the statement A & B are effects of independent Causes.

Mark answer (e) If both the statement A & B are effects of some common Causes.

1. A. Three top players of the India cricket missed all the matches of the five match tournament due to injury.

- B. India lost the cricket tournament to the visitors with a 2:3 margin.

2. A. The prices of food grains have increased by about 20 percent over the same period in the last year.

- B. The prices of vegetables have substantially decreased during the past few weeks.

3. A. A huge explosion rocked the housing complex as a cooking gas cylinder exploded in one of the flats in the complex.

- B. Residents of the housing complex came running out of their houses and assembled in the open courtyard.

4. A. Majority of the students of the school passed in Mathematics in the annual examination.

- B. Majority of the students of the school failed in English in the annual examination.

5. A. The municipal authority advised all the schools in the city to close down for next two days.

- B. A huge strom is likely to hit the city during the next two days .

6. A. The government has amended tax laws to boost exports.

- B. The export sector as been passing through difficult times due to heavy tax burdens.

7. A. Budgetary allocation for building a better railway network c.g. constructing new railway line has increased.

- B. There has been a substantial drop in the number of passengers opting for air travel.

8. A. The production of pulses has dropped for the third consecutive year.

- B. India has decided to import pulses this year.

9. A. The bank has provided a link on its website to obtain feedback from customers.

- B. Customers have been complaining about poor services in the bank's branches.

10. A. Indian citizens are willing to incur the cost of using environment friendly technology.

- B. Many countries are taking steps to cut their carbon emission.

11. A. Computer education has been made compulsory for all the classes by many schools.

- B. The current job market prefers computer literate workforce.

12. A. The standard of education in evening colleges of the State has been deteriorating.  
B. The standard of school education has been fast deteriorating in the State.
13. A. All domestic airlines increased the fares in all sectors with immediate effect.  
B. Railway increased the fare of all its classes with immediate effect.
14. A. The prices of fruits and vegetables fell substantially over the last few days.  
B. The quality of fruits and vegetables improved considerably over the last few days.
15. A. Recent floods in the area changed the nutritional contents of the soil.  
B. Farmers in the area switched over to cultivating rice instead of wheat.
16. A. A substantial increases in the unhealthy competition has been observed among the students.  
B. A rise of 23% is reported every year in the cases of suicides after declaration of grade 10<sup>th</sup> and 12<sup>th</sup> examination results.
17. A. The glaciers at the poles of the earth are melting at a fast rate.  
B. In recent times there has been a substantial increase in the incidents of earthquakes and volcanic eruptions.
18. A. Many schools have banned the sale of fast food in their premises.  
B. Obesity in youngsters has been linked to their poor eating habits.
19. A. Though there is good number of mobile phones users in the rural India, computers and internet still remain a distant dream.  
B. In the recent past there has been large scale migration from rural parts of India to the urban sectors.
20. A. The share prices are touching an all time low.  
B. Most of the organization have been grounding or terminating employees and undergoing cost-cutting exercises wherever possible.

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**ANSWER KEY**

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|-------------|--------------|--------------|--------------|
| 1. Ans. (a) | 6. Ans. (b)  | 11. Ans. (b) | 16. Ans. (a) |
| 2. Ans. (d) | 7. Ans. (d)  | 12. Ans. (d) | 17. Ans. (e) |
| 3. Ans. (a) | 8. Ans. (a)  | 13. Ans. (d) | 18. Ans. (b) |
| 4. Ans. (d) | 9. Ans. (b)  | 14. Ans. (c) | 19. Ans. (d) |
| 5. Ans. (b) | 10. Ans. (e) | 15. Ans. (a) | 20. Ans. (d) |

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# STATEMENT-COURSE OF ACTION

## OBJECTIVE QUESTIONS

**Direction : 1 - 20**

In each question below is given a statement followed by two courses of action numbered I and II. A course of action is a step or administrative decision to be taken for improvement, follow-up or further action in regard to the problem, policy, etc. On the basis of the information given in the statement, you have to assume everything in the statement to be true, then decide which of the suggested courses of action logically follows(s) for pursuing.

- (a) If only course of action I follows.
- (b) If only course of action II follows.
- (c) If either course of action I or II follows.
- (d) If neither course of action I nor II follows.
- (e) If both courses of action I and II follows.

**1. Statement:**

Many customers complained to the manager of the local branch of the bank against the high handedness of the bank employees while dealing with the customers.

**Courses of Action:**

- I. The bank management should immediately suspend all the employees of the branch and deploy a different set of employees.
- II. The bank management should ask for a report from the manager of the branch for taking necessary steps.

**2. Statement:**

Two persons, while on their daily walks in the jogger's park were killed by unidentified miscreants early in the morning.

**Courses of Action:**

- I. The police authority should deploy police constables near the jogger's park to prevent such criminal acts in future.
- II. The citizens of the locality should go for early morning walks in groups to avoid such attacks.

**3. Statement:**

Many school children died in few accidents caused due to poor maintenance of the school buses during the last few months.

**Courses of Action:**

- I. The government should send an expert group to inspect the condition of school buses during the last few months.
- II. The government should suspend the licence of all the school buses till these buses are properly checked.

**4. Statement:**

A very large number of recently recruited officers left the bank after attending the training programme on branch Banking operations conducted by the bank.

**Courses of Action:**

- I. The bank should take a bond of at least two years from each newly recruited officers before putting them into the training programme.
- II. The bank should conduct the training programme at least one year after the newly recruited officers joined the bank.

**5. Statement:**

A huge oil tanker overturned on the highway leading to the state capital and blocked most part of the highway from vehicular traffic.

**Courses of Action:**

- I. The govt. should immediately constitute a high level enquiry committee to look into the matter.
- II. The driver of the oil tanker should immediately be arrested.

**6. Statement:**

An increasing number of graduates produced by Indian universities are unemployed.

**Courses of Action:**

- I. Colleges and institutes of higher learning should be given greater autonomy to decide course content.
- II. World class foreign universities should be encouraged to set up campuses in India.

**7. Statement:**

Heavy rains hit the state during October just before the state assembly elections and caused heavy damage to standing crops in most parts of the state.

**Courses of Action:**

- I. Elections should be postponed to give candidates the opportunity to campaign.
- II. The Government should announce a relief package for those who are affected.

**8. Statement:**

Cell phone users have found that tariff plans are not as attractive as promoted by telecom companies and complained to regulatory authority about the same.

**Courses of Action:**

- I. The regulatory authority should direct telecom companies to be transparent on the tariff structure of all plans.
- II. The government should restrict the number of telecom companies operating in the country.

**9. Statement:**

A number of school children in the local schools have fallen ill after the consumption of their subsidised tiffin provided by the school authority.

**Courses of Action:**

- I. The tiffin facility of all schools should be discontinued with immediate effect.
- II. The government should implement a system to certify the quality of tiffin provided by the school.

**10. Statement:**

The dolphin population in India has been decreasing sharply over the past few years.

**Courses of Action:**

- I. Dolphins should be declared an endangered species and be bred in aquariums or protected areas.
- II. Locals should be enlisted to protect dolphins.

**11. Statement:**

Many over-qualified professionals are now opting for lower ranked jobs owing to recession in the market which has made new recruitments almost nil in the recent months.

**Courses of Action:**

- I. Over qualified people should not be allowed to undertake jobs which do not suit their academic qualifications.
- II. Such candidates should be encouraged to postpone undertaking a job until recession subsides.

**12. Statement:**

In a mock security drill at the airport, a passenger ignored the instructions of the crew and severely injured his leg while hurrying to get off the plane.

**Courses of Action:**

- I. The passenger should sue the airline for negligence.
- II. The airline should provide immediate medical assistance to the passenger.

**13. Statement:**

A legal construction in the area which attracts thousands of tourists every year has been leading to frequent landslides and floods.

**Courses of Action:**

- I. The government should put a ban on all kind of construction work in the area.
- II. Tourism in the area should be totally banned until illegal construction work stops completely.

**14. Statement:**

Imported fruits which are priced at nearly thrice the regular price have been flooding the market, making fruits out of reach for a middle class household.

**Courses of Action:**

- I. The government should regulate the prices of fruits so as to make them affordable to the common man.
- II. Indian farmers should be encouraged to grow the imported varieties of fruits as these are more popular among the general public.

**15. Statement:**

Four cases of pick pocketing were reported at one of the most renowned five star hotels last evening.

**Courses of Action:**

- I. The hotel staff should be instructed to be vigilant and report any suspicious person or activity.
- II. More CCTV cameras should be installed near the dining and reception areas of the hotels where these incidents took place.

**16. Statement:**

Despite repeated warnings to students and parents from the college. Some students have finally not fulfilled the mandatory criteria of 75% attendance in order to appear for exams.

**Courses of Action:**

- I. The college should stop adhering to this particular criteria.
- II. Either the parents or guardians of the defaulters should be called for a meeting.

**17. Statement:**

The students residing at the hostel of a university had to stay without electricity and water for 48 hours not because of shortages but because of negligence by the hostel staff.

**Courses of Action:**

- I. The management of the university should look into the matter and take action against such negligence.
- II. The students should leave the hostel and find some alternate accommodation.

**18. Statement:**

Local villagers have reported that instances of illegal cutting of trees have increased over the last few months in the forest area.

**Courses of Action:**

- I. The locals should be encouraged to report any such activities in the future.
- II. Authorities should immediately look into the matter and put a stop to such illegal activity.

**19. Statement:**

The packets of many of the packaged eatables convey incorrect information about the ingredients and nutrient content.

**Courses of Action:**

- I. All such products should be banned from the market if after a warning also correct information is not provided.
- II. The issue should be ignored as long as the eatables are popular among the public.

**20. Statement:**

The conditions of most of the arterial roads in the city have deteriorated following heavy downpour during the past fortnight due to bad quality of bitumen and other material.

**Courses of Action:**

- I. Govt. should immediately suspend the officials responsible for maintenance of the city roads.
- II. Govt. Should evolve a mechanism to monitor the quality of all the roads throughout the years.

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**ANSWER KEY**

- |             |              |              |              |
|-------------|--------------|--------------|--------------|
| 1. Ans. (d) | 6. Ans. (a)  | 11. Ans. (d) | 16. Ans. (b) |
| 2. Ans. (a) | 7. Ans. (b)  | 12. Ans. (b) | 17. Ans. (a) |
| 3. Ans. (a) | 8. Ans. (a)  | 13. Ans. (d) | 18. Ans. (e) |
| 4. Ans. (a) | 9. Ans. (b)  | 14. Ans. (e) | 19. Ans. (a) |
| 5. Ans. (d) | 10. Ans. (c) | 15. Ans. (e) | 20. Ans. (b) |

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## OBJECTIVE QUESTIONS

***Direction : (1-20)***

Below is given a passage followed by several possible inferences which can be drawn from the facts stated in the passage. You have to examine each inference separately in the context of the passage and decide upon the degree of its truth or falsity.

***Mark Answer:***

- (a) If the inference is 'definitely true' i.e. it properly follows from the statement of facts given.
- (b) If the inference is 'probably true' though not 'definitely true' in the light of the facts given.
- (c) If the 'data are inadequate' i.e. from the facts given you cannot say whether the data is likely to be true or false.
- (d) If the inference is 'probably false' though not 'definitely false' in the light of the facts given.
- (e) If the inference is 'definitely false' i.e. if cannot be drawn from the given facts or contradicts the given facts.

***Question : 1 - 5***

The pace of recruitment has unmistakably picked up in the last few Months. After two small quarters the business sentiment has turned positive. A flurry of hiring activity has been observed across the manufacturing sector and the IT and ITES sector catering to telecom and legal process outsourcing. The advent of new players and an aggressive expansion of telecom giants has seen a bullish outlook for the industry with a promise of exponential growth. But is the worst over for businesses across the spectrum. Firms are going back to the drawing board and dusting off their plans to see if there is scope for at incremental hiring in specific domains where they want to build expertise. Besides that there are few signs to show that there is broad based revival in the market.

1. Companies in various sectors have projected higher business growth in the near future.

2. The telecom sector has experienced negative growth in the past few years.
3. Many companies in the manufacturing sector have decided to reduce their fresh intake of employees next year.
4. Persons with legal qualification and expertise will earn more in the future.
5. Most companies across sectors have decided to increase their manpower requirement manifold.

***Question : (6 - 10)***

Hurdles imposed in the path of foreign investors by regulations must be removed if the country wants to attract quality foreign investment. Particularly, when foreign institutional investors no longer seem very enamored by the Indian story. Although the foreign exchange reserve does not face the risk of falling to the levels of early 1990, the country should create an environment to attract more long term investments instead of just portfolio inflows or hot money. Essentially a diluted version of Regulation issued in 1998 with its requirement that foreign partners with JVs set up in India prior to 2005 must obtain a green light from the domestic partner to set up another similar venture has the potential to be misused. Further, the foreign partner is also required to obtain prior approval from the government before a new venture in the same area of business as the existing one is set up.

6. Foreign investors are keen to invest in long term projects in India in the current scenario.
7. Many countries in the Asian continent have foreign investor friendly guidelines.
8. India's foreign exchange reserve in early 1990s was much below the current level.
9. India needs to tighten its norms for granting foreign investments in key sectors.
10. Foreign direct investment in India is mainly short-term investment.

**Question : 11-15**

Domestic steel industry has been going through challenging times with raw material prices rising unabated and government trying to cap final product (steel) prices in order to keep inflation under check. Notably, the government has taken several measures in the past six months to keep a check on steel prices, which contribute around 3.63% of WPI. Now, after holding prices for three months the battle between the government and steel players has erupted again. With the anticipation of players increasing prices very soon, government is trying to counter this with the imposition of a price band on steel products. Imposition of price band may unfairly treat the domestic steel industry as global steel prices are ruling at 30% premium to domestic prices. Global prices have increased by 50% - 60% in 2008 as compared to just 20% rise in the domestic market.

11. In recent past, the increase of steel prices in the international market is much lower than that in the domestic market.
12. Some countries in the western world have fixed a price band for steel products in their domestic markets.
13. There has been a decline in rate of inflation recent months in India.
14. Govt's move to fix a price band of steel prices may adversely affect the steel-manufacturing units in India.
15. Prices of steel is an integral part of the Wholesale Price Index (WPI) of India.

**Question : 16-20**

Economic liberalization and globalization have put pressures on Indian industry. Particularly on the service sector, to offer quality products and services at low costs and with high speed. Organizations have to compete with unequal partners from abroad. It is well recognized that developing countries like India are already behind other countries technologically, in many areas, although some of them particularly India, boast of huge scientific and technical manpower addition to this, if an entrepreneur or industrialist has to spend a lot of his time, money and energy in dealing with unpredictable services and in negotiating with the local bureaucracy, it can have a significant dampening effect on business.

16. No other developing country except India claims that they have highly trained technical manpower.
17. Foreign companies are more equipped than domestic companies to provide quality service in good time.
18. Official formalities are less cumbersome in almost all the countries except India.
19. Indian service industry was more comfortable before economic liberalization.
20. India at present is to some extent on par with developed countries in terms of technological development.

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**ANSWER KEY**

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|-------------|--------------|--------------|--------------|
| 1. Ans. (b) | 6. Ans. (d)  | 11. Ans. (e) | 16. Ans. (d) |
| 2. Ans. (c) | 7. Ans. (c)  | 12. Ans. (c) | 17. Ans. (b) |
| 3. Ans. (e) | 8. Ans. (c)  | 13. Ans. (d) | 18. Ans. (c) |
| 4. Ans. (b) | 9. Ans. (b)  | 14. Ans. (a) | 19. Ans. (b) |
| 5. Ans. (a) | 10. Ans. (b) | 15. Ans. (b) | 20. Ans. (d) |



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## **NOTES**

