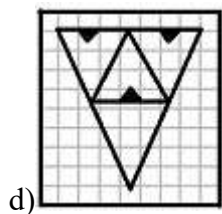
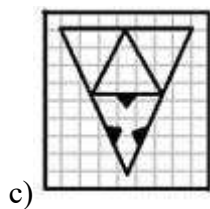
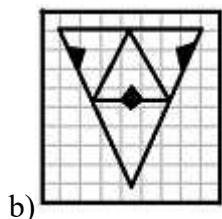
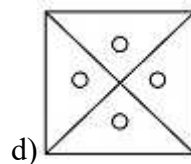
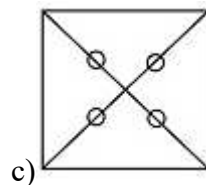
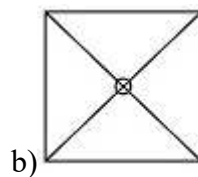
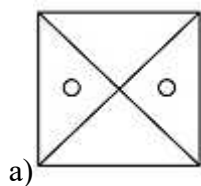
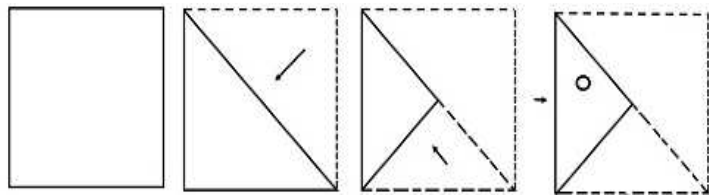


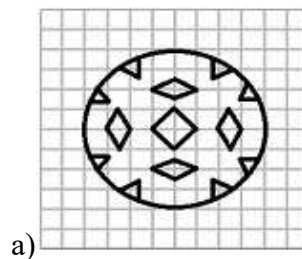
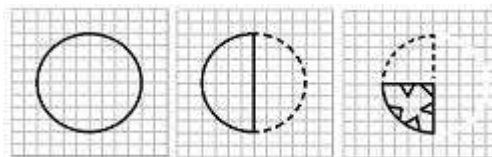
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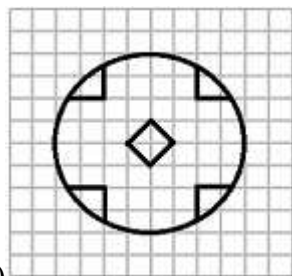
38. A paper is folded and cut as shown below. How will it appear when unfolded?



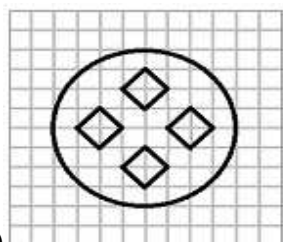
39. A paper is folded and cut as shown below. How will it appear when unfolded?



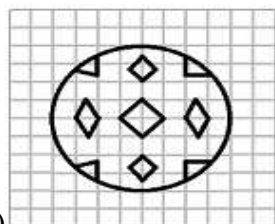
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b)

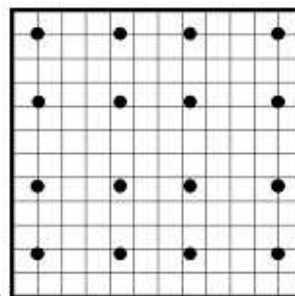
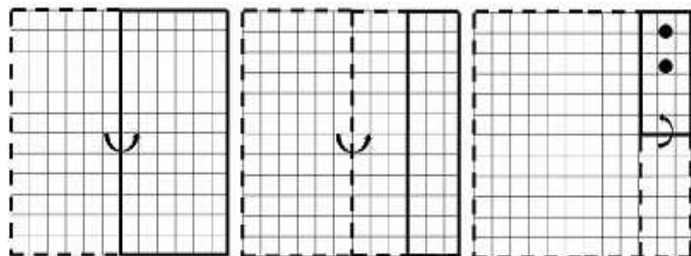


c)

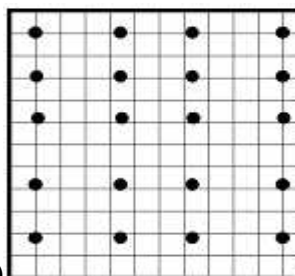


d)

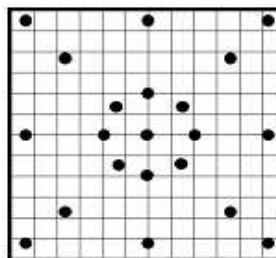
40. A paper is folded and cut as shown below. How will it appear when unfolded?



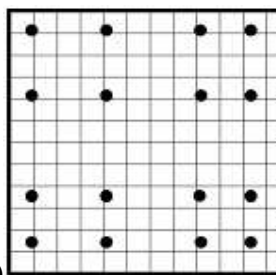
a)



b)



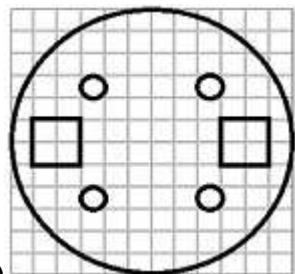
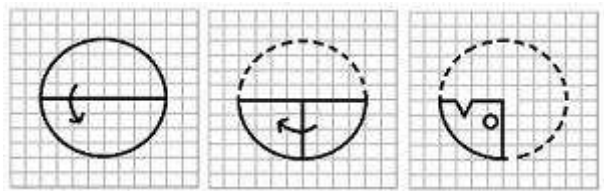
c)



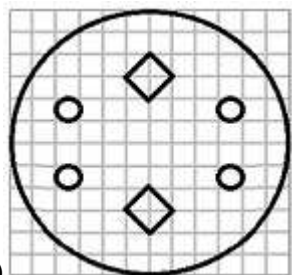
d)

41. A paper is folded and cut as shown below. How will it appear when unfolded?

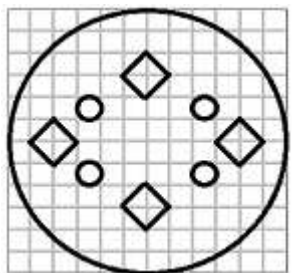
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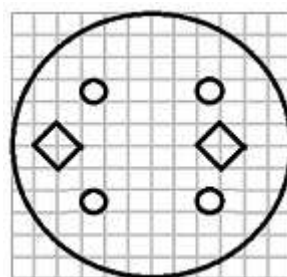
a)



b)

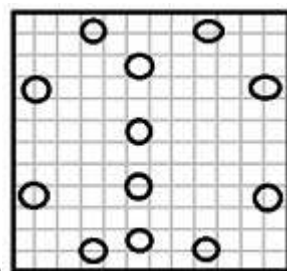
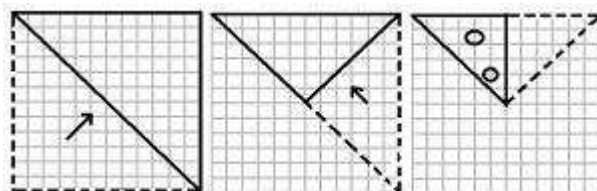


c)

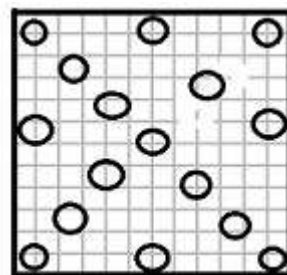


d)

42. A paper is folded and cut as shown below. How will it appear when unfolded?

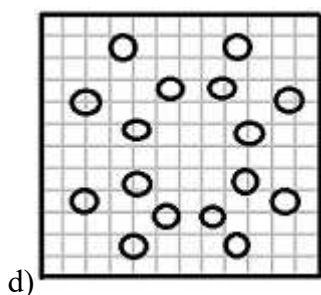
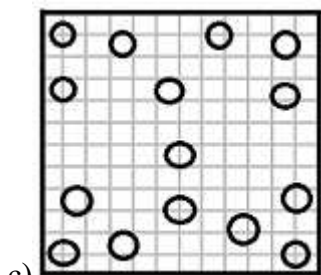


a)

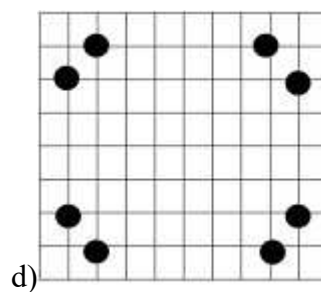
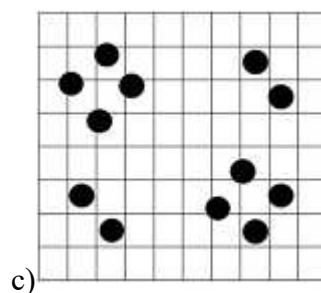
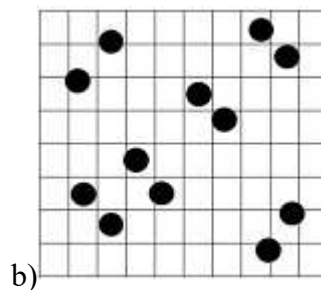
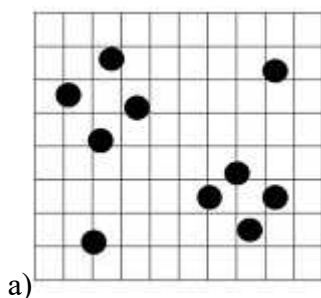
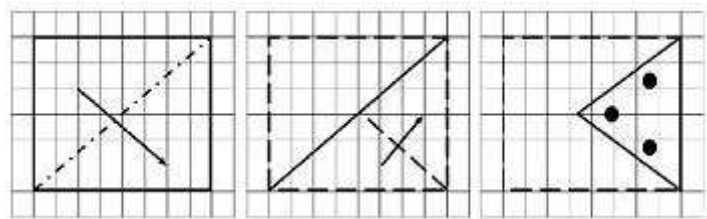


b)

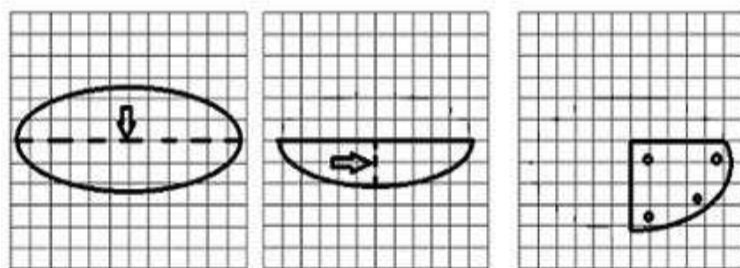
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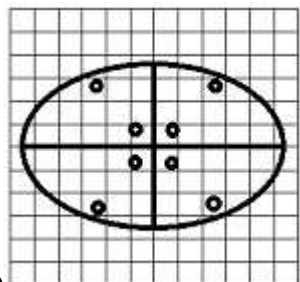
43. A paper is folded and cut as shown below. How will it appear when unfolded?



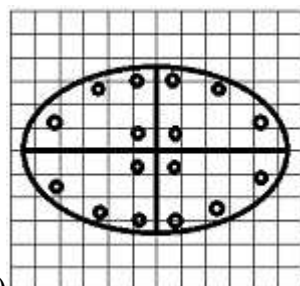
44. A paper is folded and cut as shown below. How will it appear when unfolded?



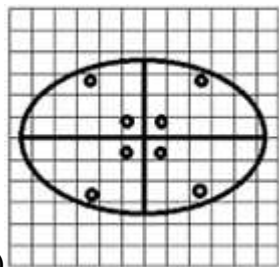
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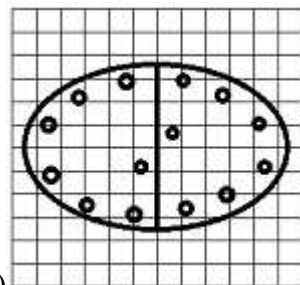
a)



b)

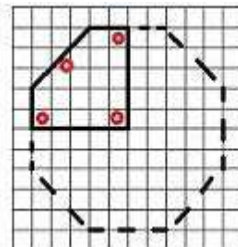
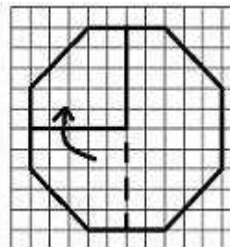
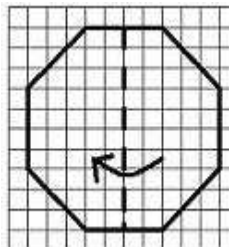


c)

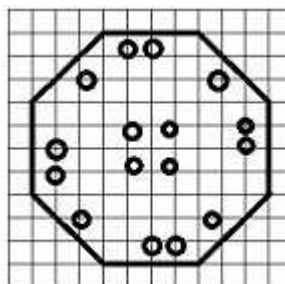


d)

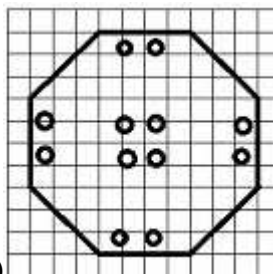
45. A paper is folded and cut as shown below. How will it appear when unfolded?



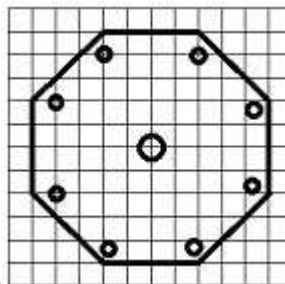
a)



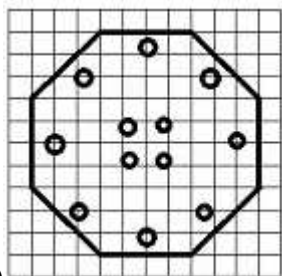
b)



c)

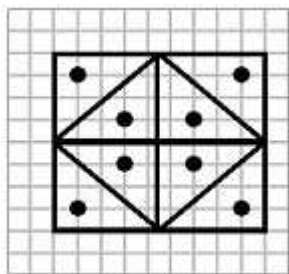
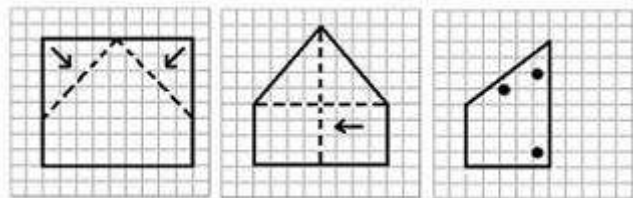


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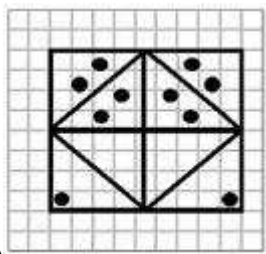


d)

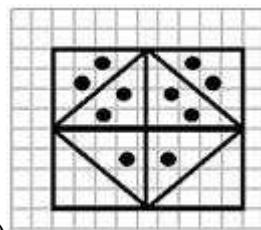
46. A paper is folded and cut as shown below. How will it appear when unfolded?



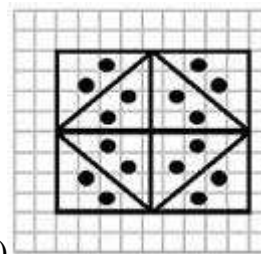
a)



b)

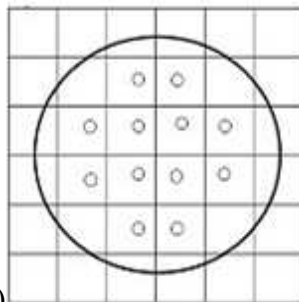
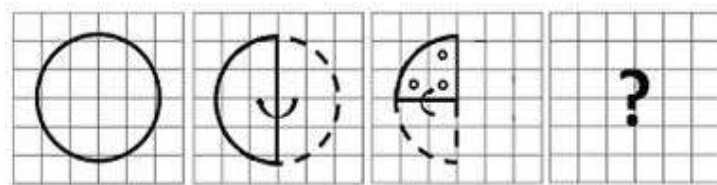


c)



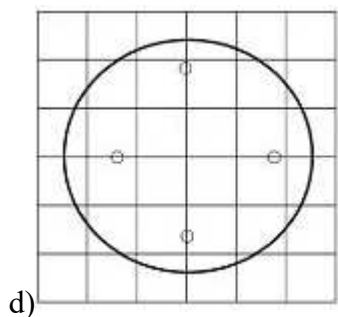
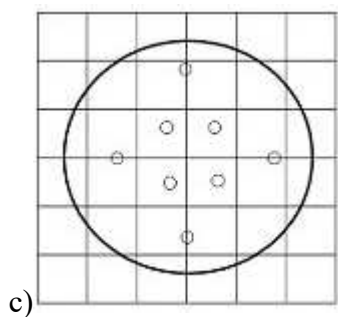
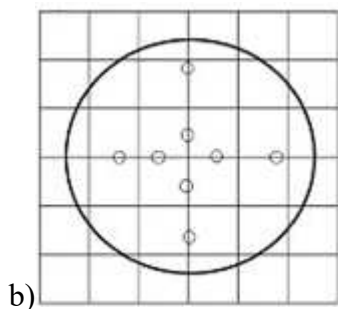
d)

47. A paper is folded and cut as shown below. How will it appear when unfolded?

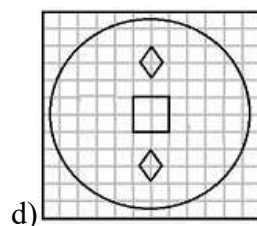
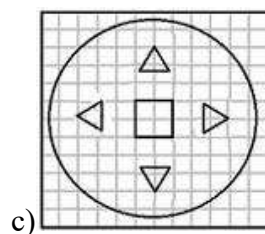
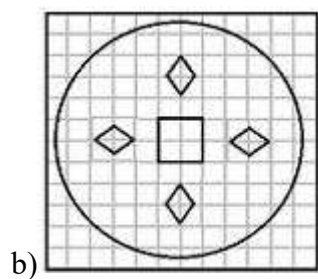
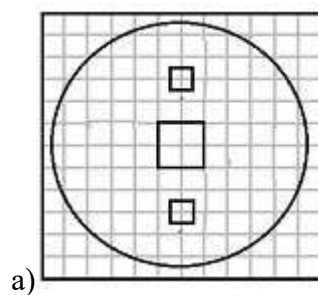
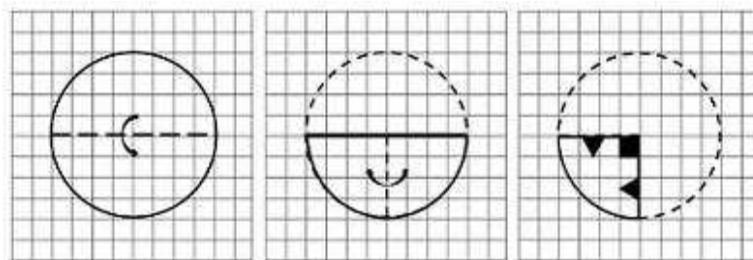


a)

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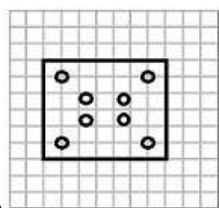
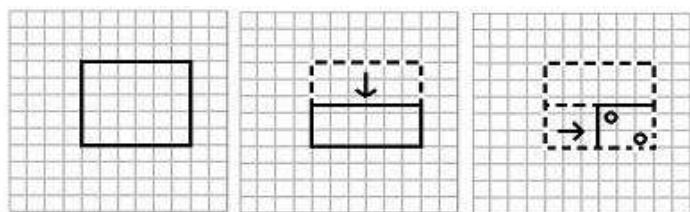


48. A paper is folded and cut as shown below. How will it appear when unfolded?

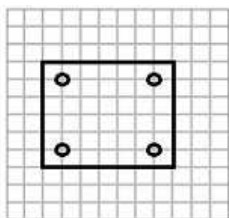


49. A paper is folded and cut as shown below. How will it appear when unfolded?

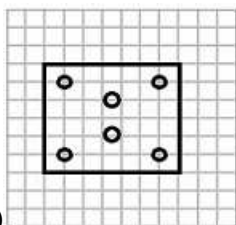
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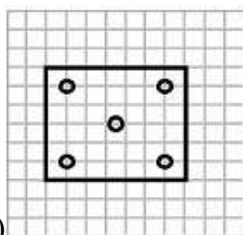
a)



b)

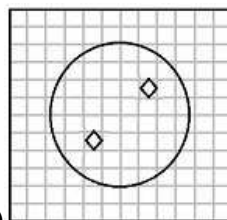
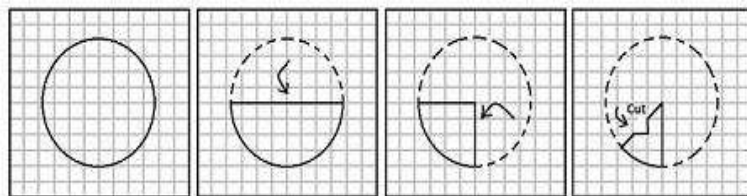


c)

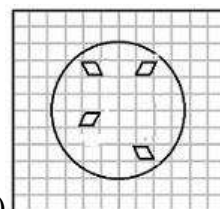


d)

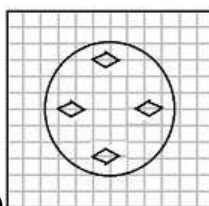
50. A paper is folded and cut as shown below. How will it appear when unfolded?



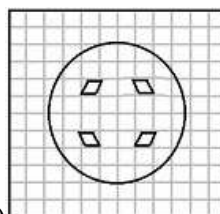
a)



b)



c)



d)

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Paper cutting and folding – Answer and Explanation

1) Answer: B

2) Answer: A

3) Answer: A

4) Answer: A

5) Answer: B

6) Answer: B

7) Answer: D

8) Answer: B

9) Answer: A

10) Answer: C

11) Answer: A

12) Answer: D

13) Answer: D

14) Answer: A

15) Answer: C

16) Answer: A

17) Answer: A

18) Answer: B

19) Answer: D

20) Answer: D

21) Answer: B

22) Answer: C

23) Answer: B

24) Answer: D

25) Answer: A

26) Answer: A

27) Answer: A

28) Answer: A

29) Answer: D

30) Answer: D

31) Answer: D

32) Answer: D

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33) Answer: B

34) Answer: D

35) Answer: D

36) Answer: A

37) Answer: B

38) Answer: D

39) Answer: A

40) Answer: D

41) Answer: D

42) Answer: D

43) Answer: B

44) Answer: B

45) Answer: A

46) Answer: C

47) Answer: A

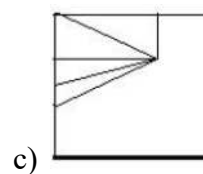
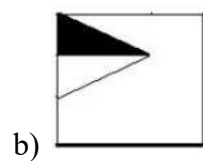
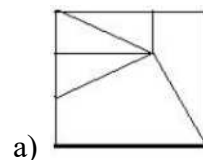
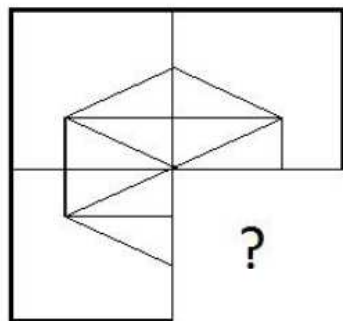
48) Answer: B

49) Answer: A

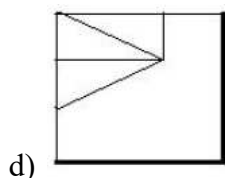
50) Answer: D

Pattern Completion

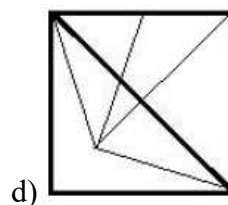
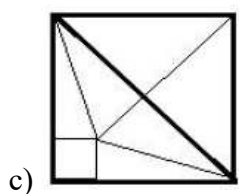
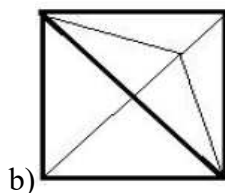
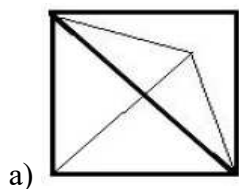
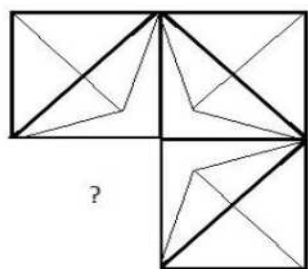
1. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



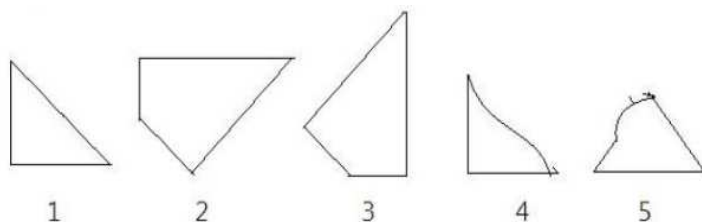
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2. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



3. Select the correct alternative from the given options that can make a full square.



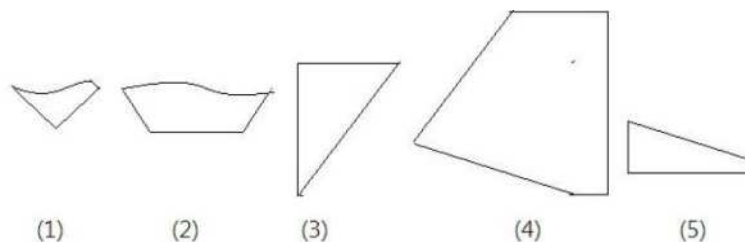
a) 2, 3 and 4

b) 1, 2 and 4

c) 1, 2 and 3

d) 3, 4 and 5

4. Select the correct alternative from the given options that can make a full square.



a) 3, 4 and 5

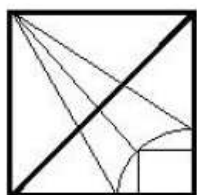
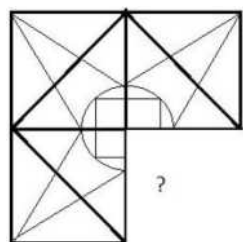
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b) 1, 3 and 4

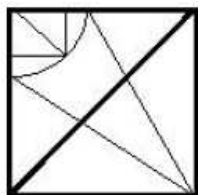
c) 1, 2, and 5

d) 2, 3 and 4

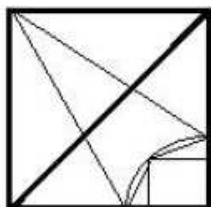
5. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



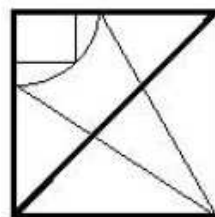
a)



b)

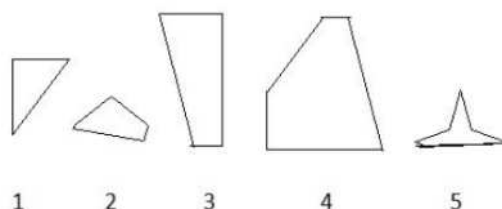


c)



d)

6. Select the correct alternative from the given options that can make a full square.



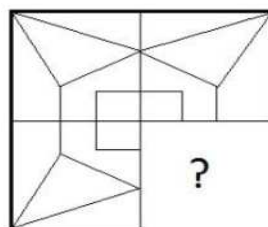
a) 2, 3 and 4

b) 1, 2 and 3

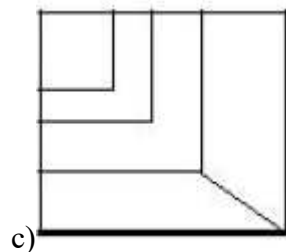
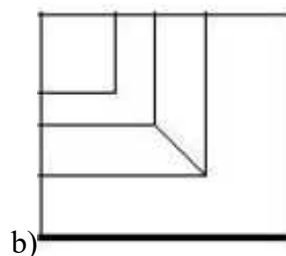
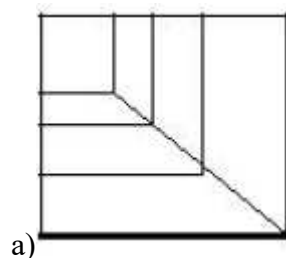
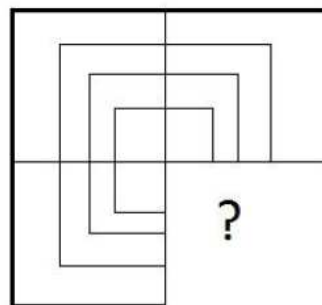
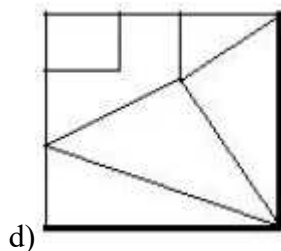
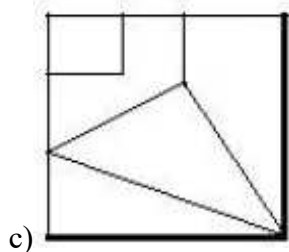
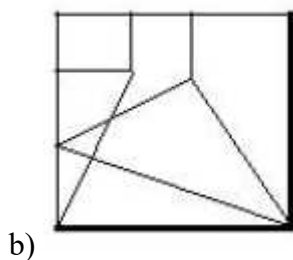
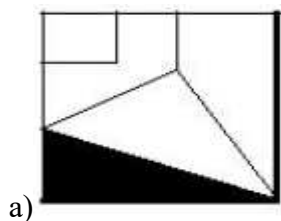
c) 1, 3 and 4

d) 3, 4 and 5

7. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.

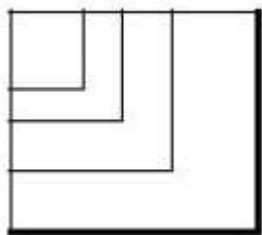


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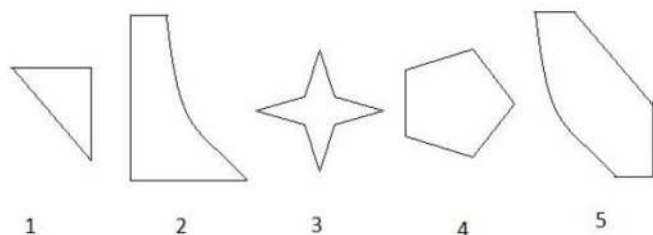
8. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.

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d)

9. Select the correct alternative from the given options that can make a full square.



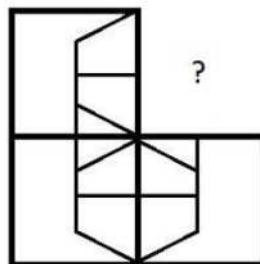
a) 1, 2 and 3

b) 1, 3 and 4

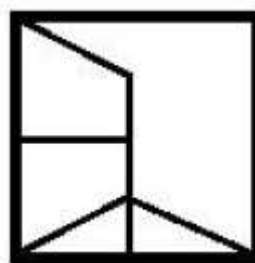
c) 1, 2 and 5

d) 2, 4 and 5

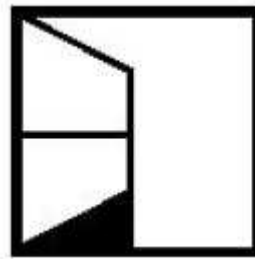
10. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



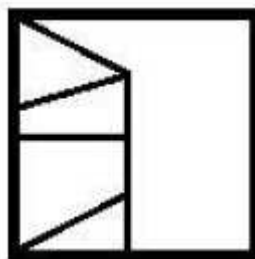
a)



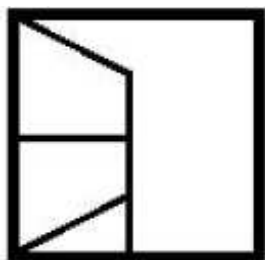
b)



c)

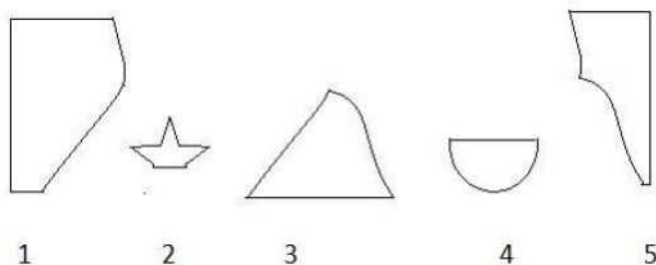


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d)

11. Select the correct alternative from the given options that can make a full square.



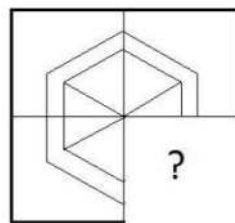
a) 1, 2 and 4

b) 2, 3 and 5

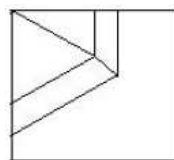
c) 1, 2 and 5

d) 1, 3 and 5

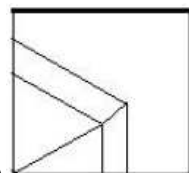
12. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



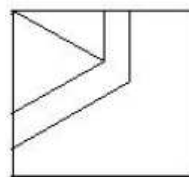
a)



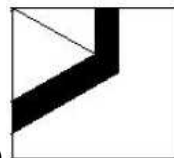
b)



c)

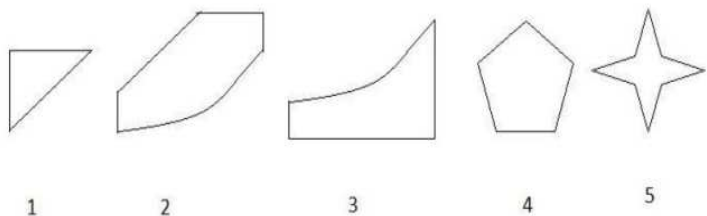


d)



13. Select the correct alternative from the given options that can make a full square.

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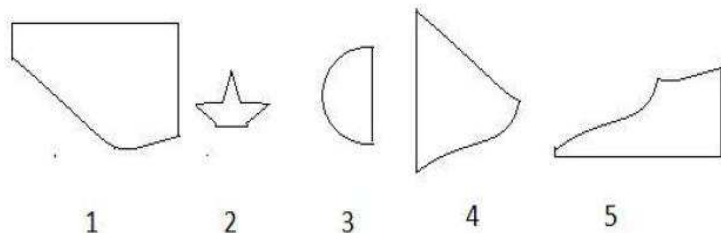
a) 2, 3 and 4

b) 1, 3 and 4

c) 1, 2 and 3

d) 2, 3 and 5

14. Select the correct alternative from the given options that can make a full square.



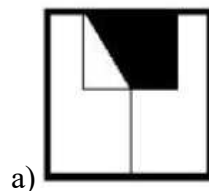
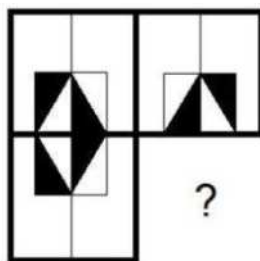
a) 3, 4 and 5

b) 1, 4 and 5

c) 1, 2 and 3

d) 1, 2 and 4

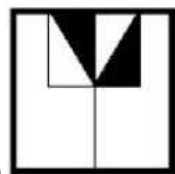
15. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



a)



b)



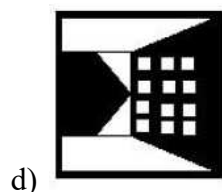
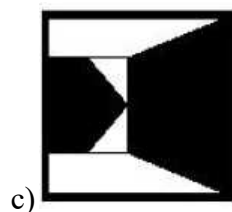
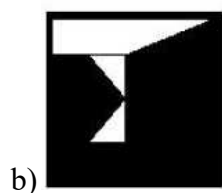
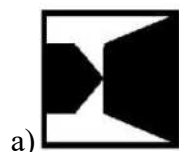
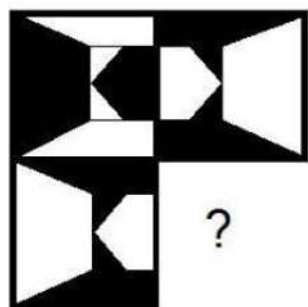
c)



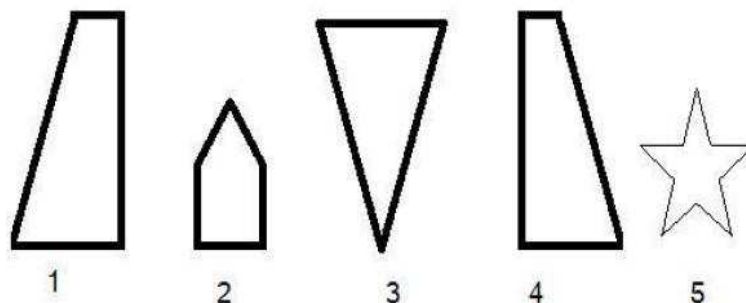
d)

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16. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



17. Select the correct alternative from the given options that can make a full square.



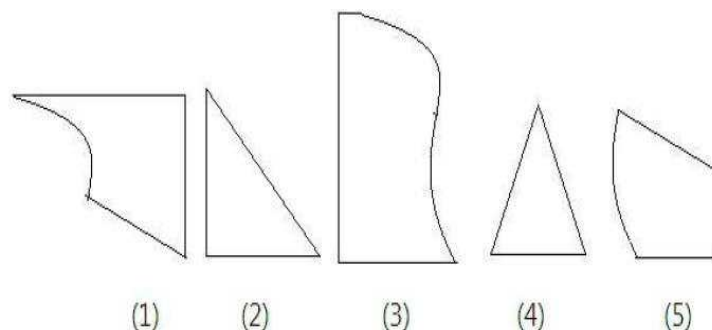
a) 1, 3 and 4

b) 2, 4 and 5

c) 1, 2 and 4

d) 2, 3 and 4

18. Select the correct alternative from the given options that can make a full square.



a) 1, 2 and 4

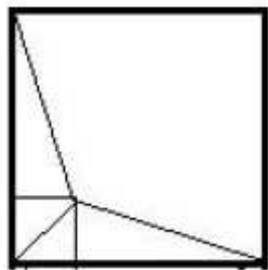
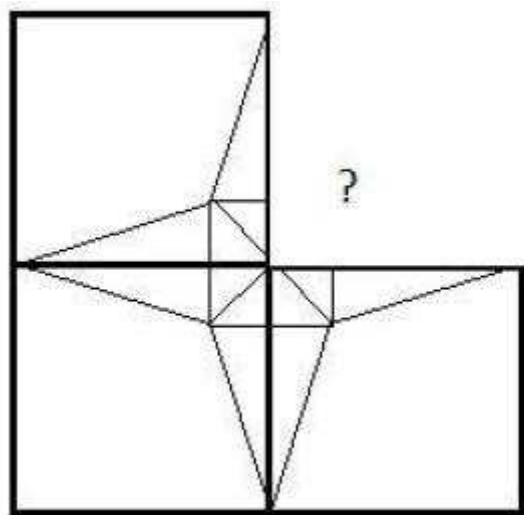
b) 1, 3 and 5

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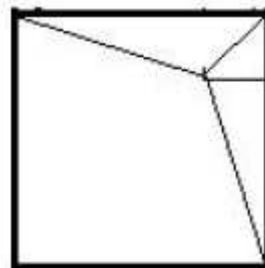
c) 2, 3 and 4

d) 1, 4 and 5

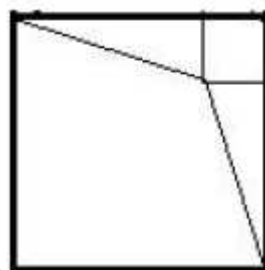
19. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



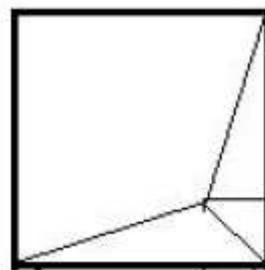
a)



b)

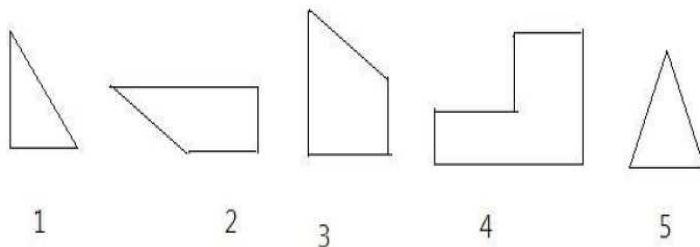


c)



d)

20. Select the correct alternative from the given options that can make a full square.



1

2

3

4

5

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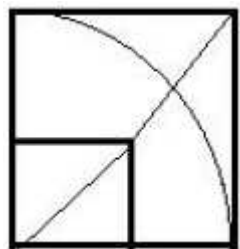
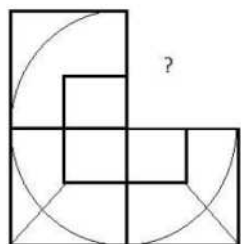
a) 1, 2 and 3

b) 2, 3 and 5

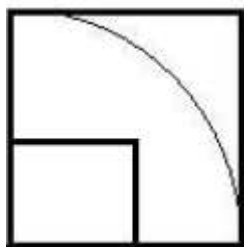
c) 1, 3 and 5

d) 2, 3 and 4

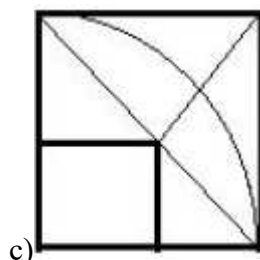
21. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



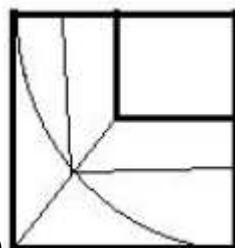
a)



b)

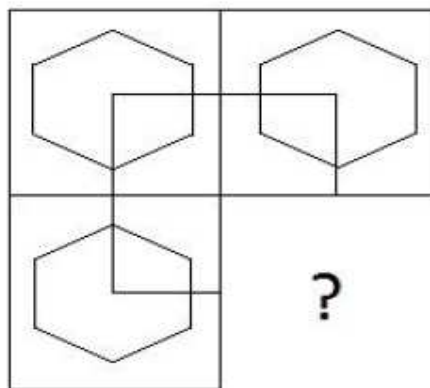


c)

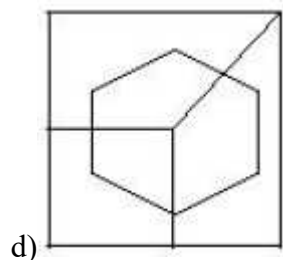
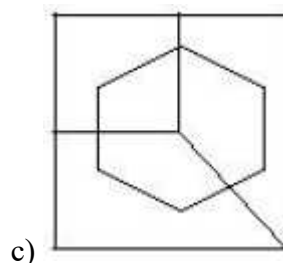
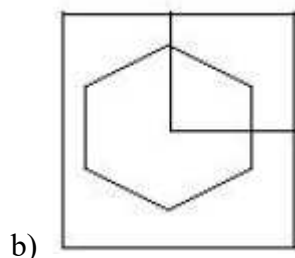
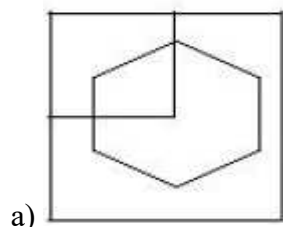


d)

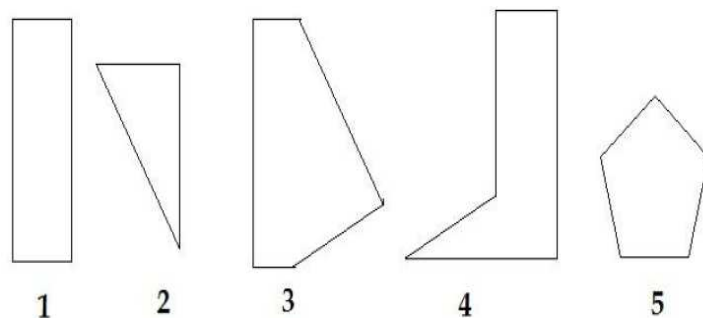
22. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



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23. Select the correct alternative from the given options that can make a full square.



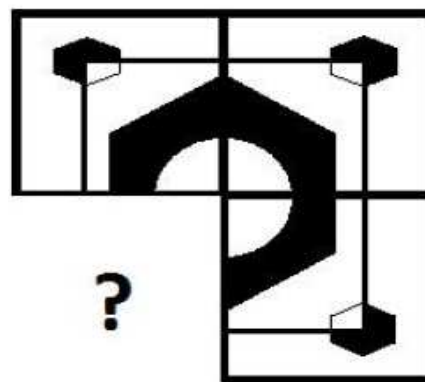
a) 1, 2 and 3

b) 2, 3 and 4

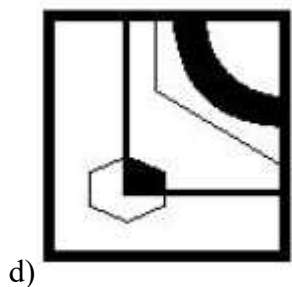
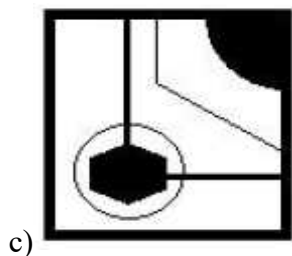
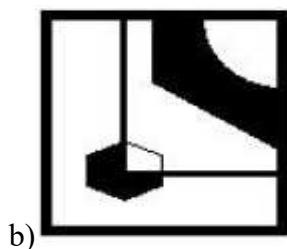
c) 1, 3 and 5

d) 3, 4 and 5

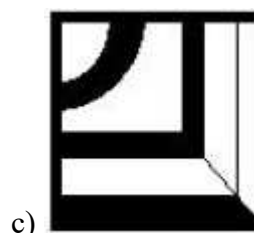
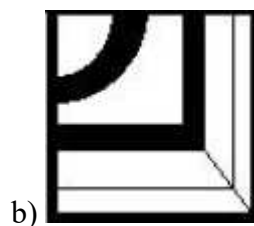
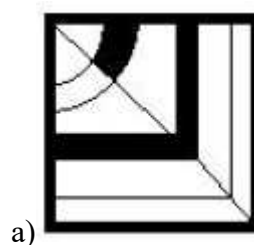
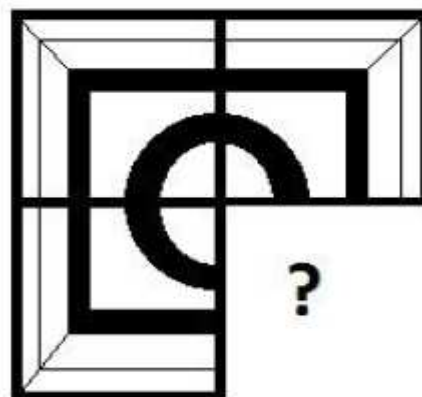
24. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



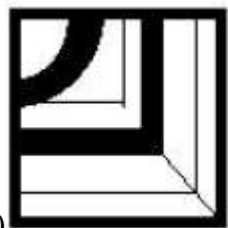
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25. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.

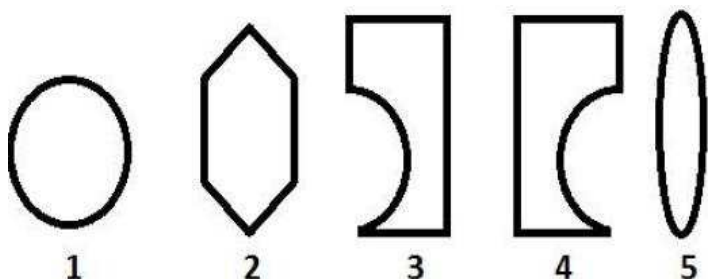


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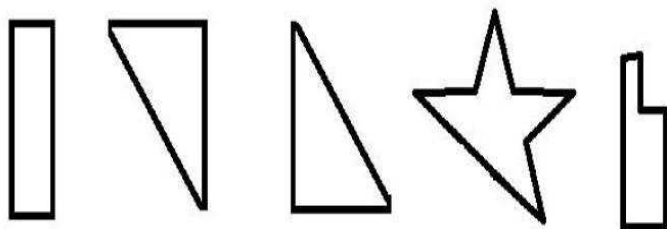
d)

26. Select the correct alternative from the given options that can make a full square.



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

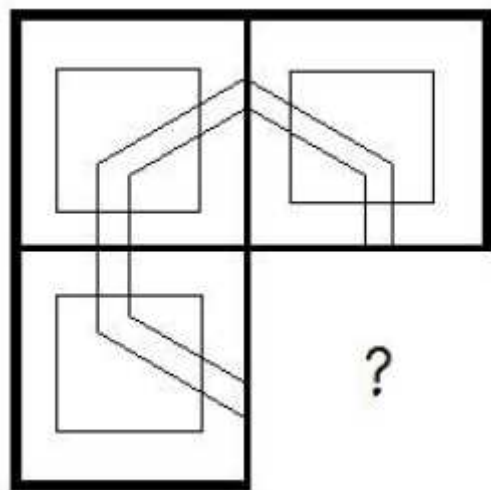
27. Select the correct alternative from the given options that can make a full square.



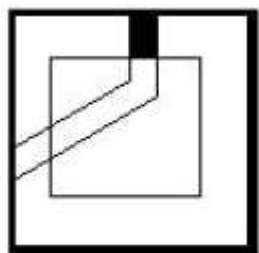
- 1
- 2
- 3
- 4
- 5
- a) 1, 2 and 3
- b) 1, 2 and 5
- c) 2, 3 and 4
- d) 2, 3 and 5

28. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.

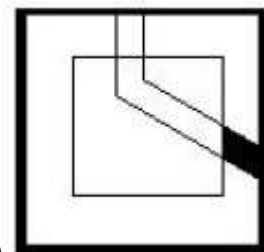
Ultra Practice Bundle PDF for Railway NTPC/Group-D Exams – General Intelligence and Reasoning



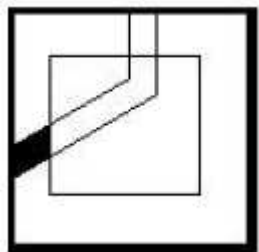
?



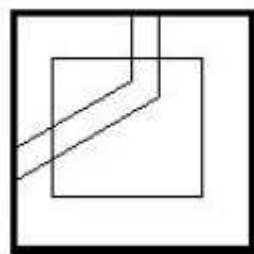
a)



b)

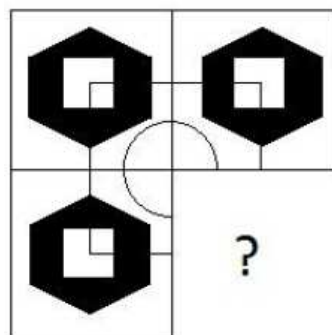


c)

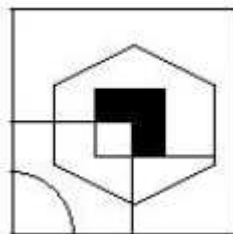


d)

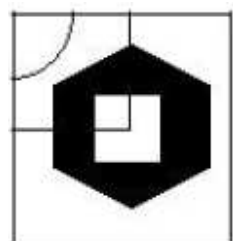
29. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



?

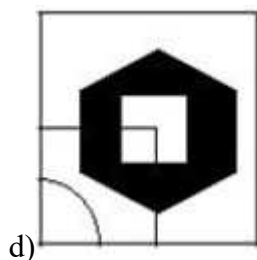
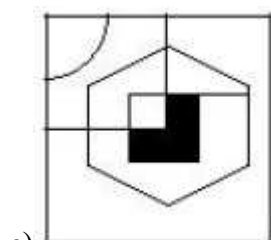


a)

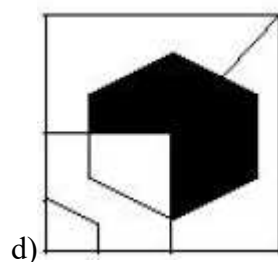
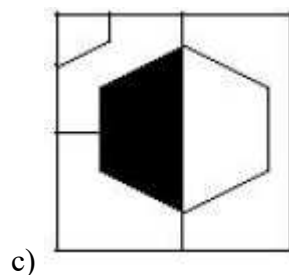
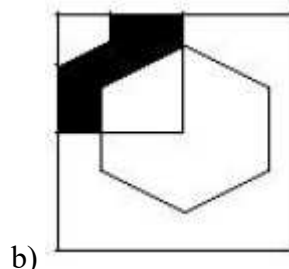
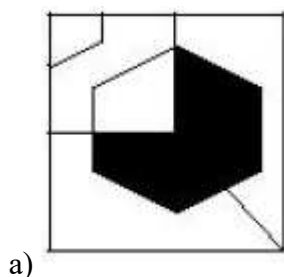
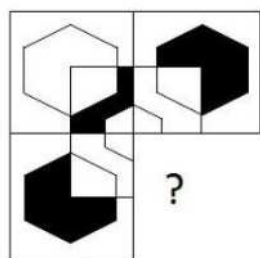


b)

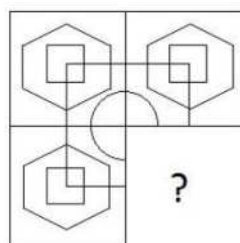
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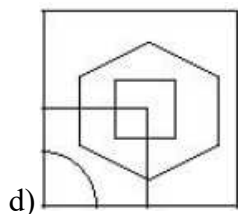
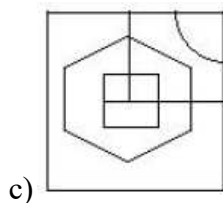
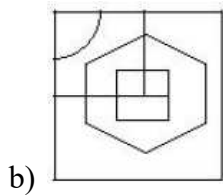
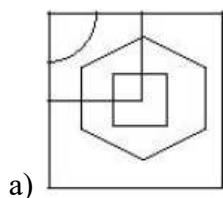
30. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



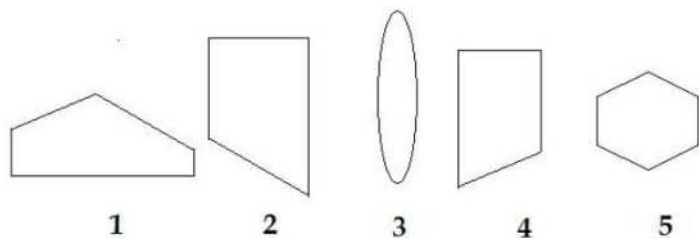
31. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



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32. Select the correct alternative from the given options that can make a full square.



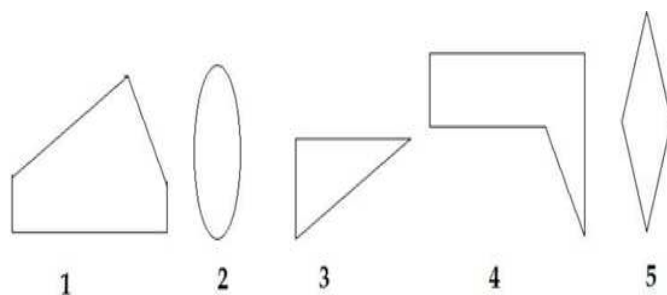
a) 1, 2 and 4

b) 2, 3 and 4

c) 3, 4 and 5

d) 1, 2 and 3

33. Select the correct alternative from the given options that can make a full square.



a) 1, 2 and 4

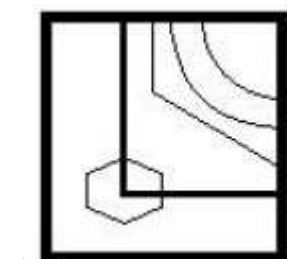
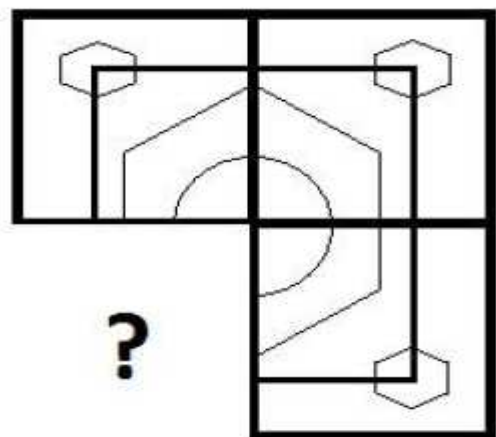
b) 2, 3 and 5

c) 1, 3 and 4

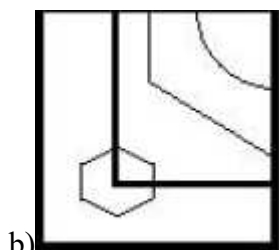
d) 1, 4 and 5

34. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.

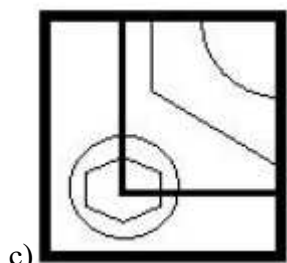
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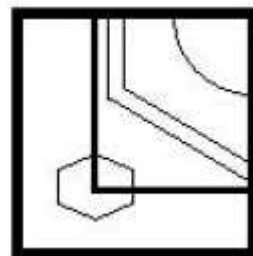
a)



b)

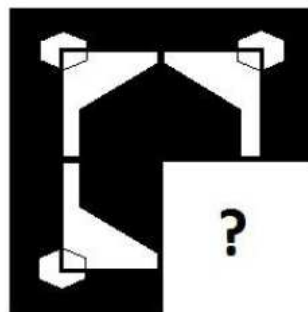


c)

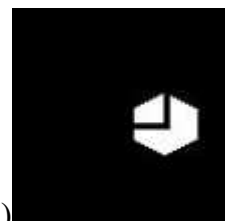


d)

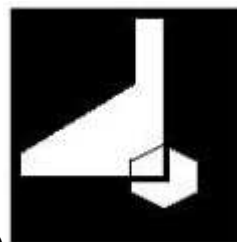
35. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



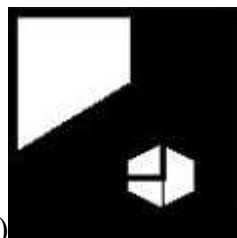
a)



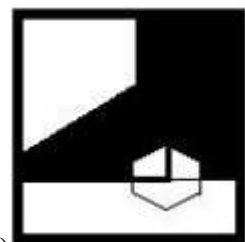
b)



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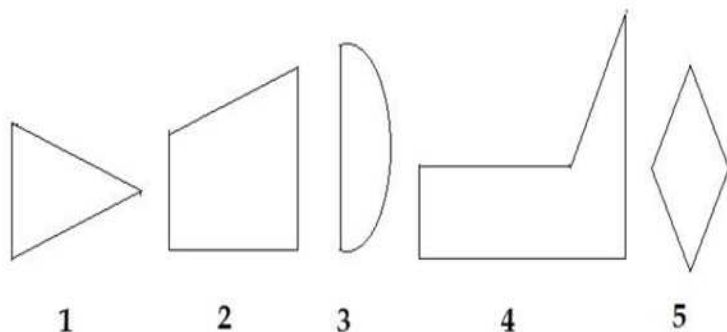


c)



d)

36. Select the correct alternative from the given options that can make a full square.



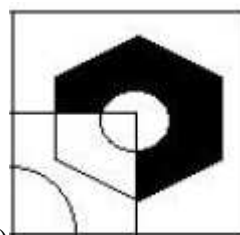
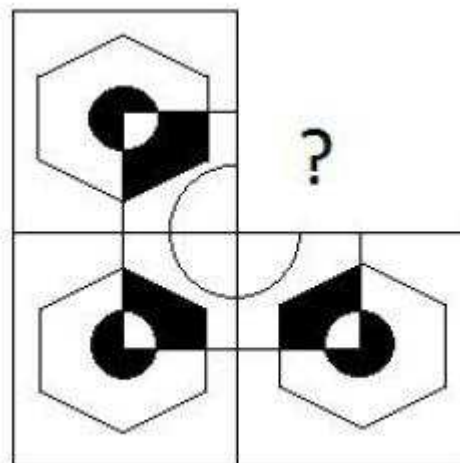
a) 3, 4 and 5

b) 1, 2 and 4

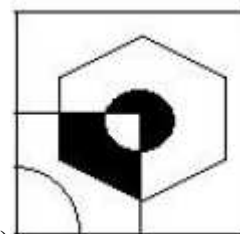
c) 1, 3 and 4

d) 1, 3 and 5

37. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.

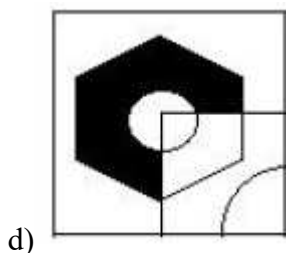
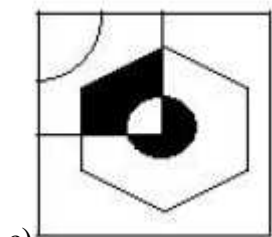


a)

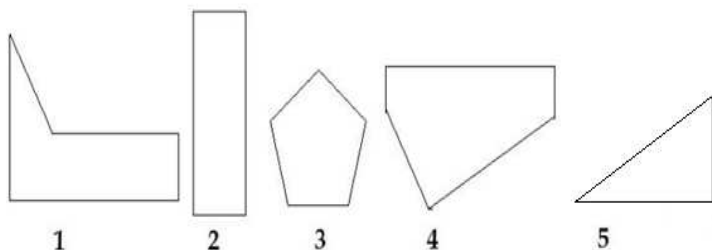


b)

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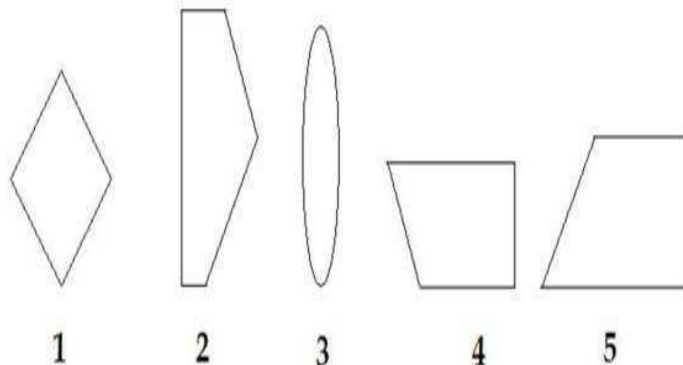


38. Select the correct alternative from the given options that can make a full square.



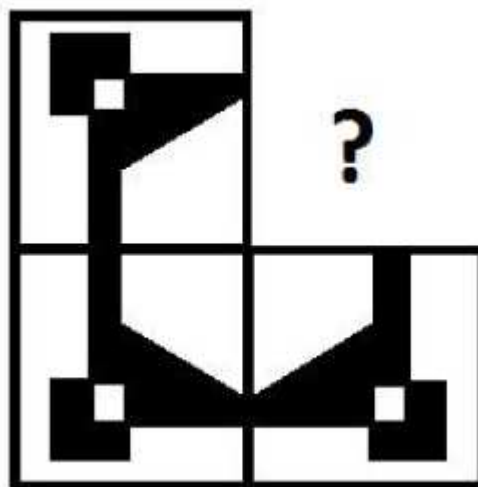
- a) 1, 4 and 5
- b) 1, 2 and 5
- c) 1, 3 and 5
- d) 2, 4 and 5

39. Select the correct alternative from the given options that can make a full square.

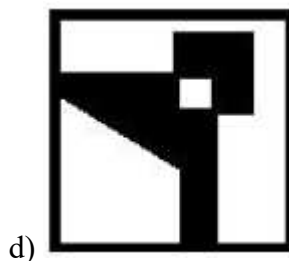
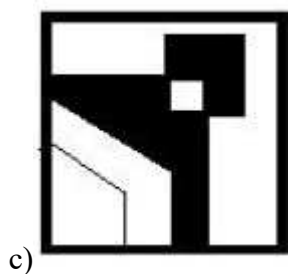
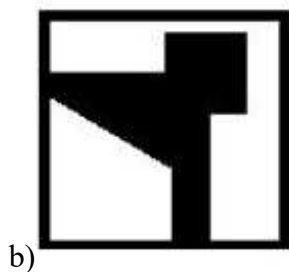
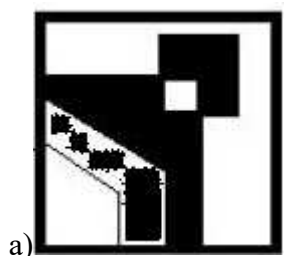


- a) 1, 3 and 4
- b) 1, 2 and 4
- c) 1, 3 and 5
- d) 2, 4 and 5

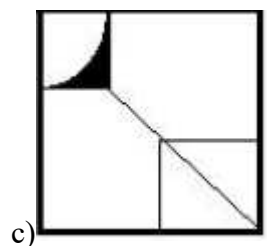
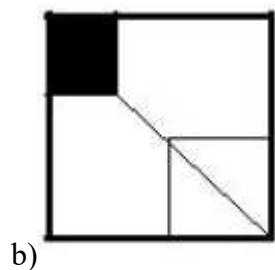
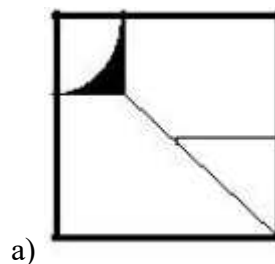
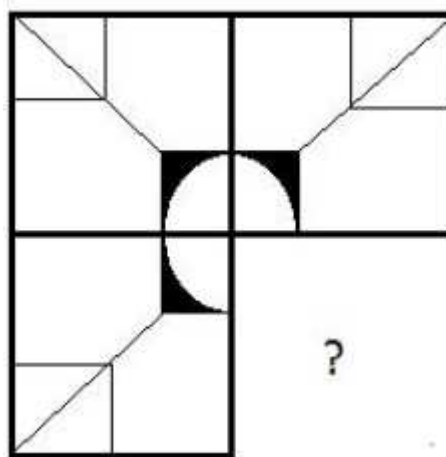
40. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



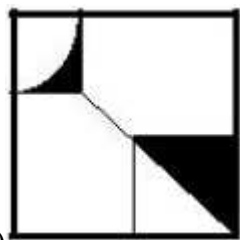
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41. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.

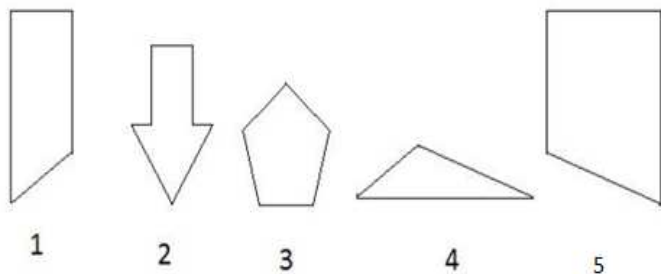


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d)

42. Select the correct alternative from the given options that can make a full square.



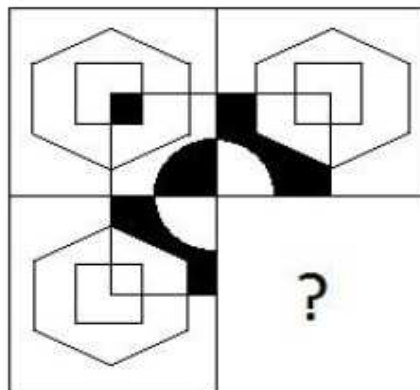
a) 1, 3 and 4

b) 2, 3 and 5

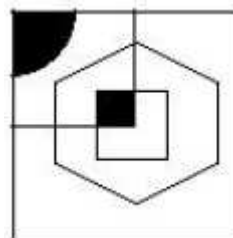
c) 1, 2 and 3

d) 1, 4 and 5

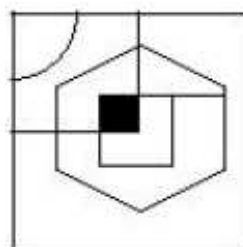
43. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



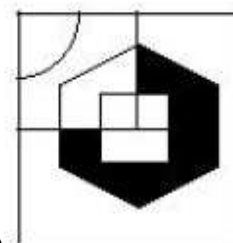
a)



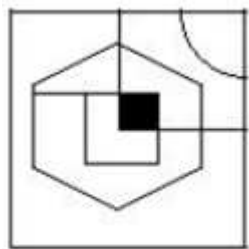
b)



c)

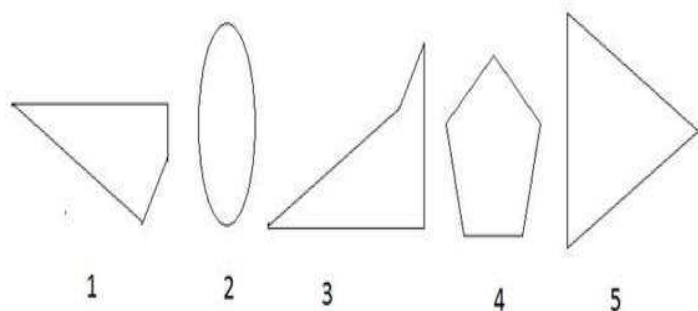


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d)

44. Select the correct alternative from the given options that can make a full square.



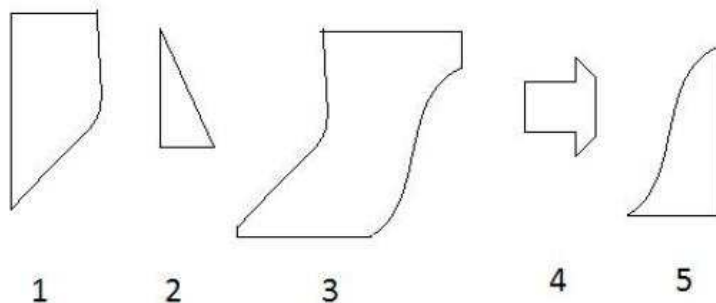
a) 1, 3 and 4

b) 2, 3 and 5

c) 1, 3 and 5

d) 1, 2 and 5

45. Select the correct alternative from the given options that can make a full square.



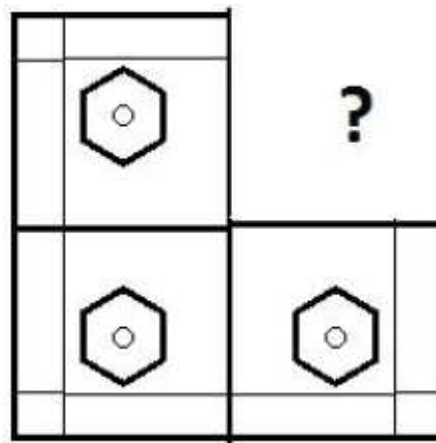
a) 2, 3 and 4

b) 1, 3 and 5

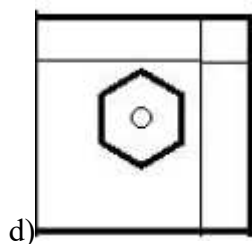
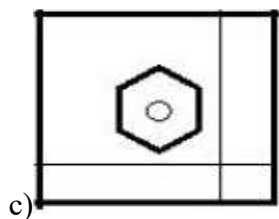
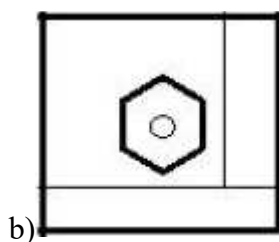
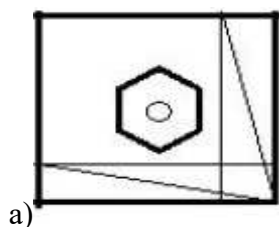
c) 1, 2 and 3

d) 1, 2 and 3

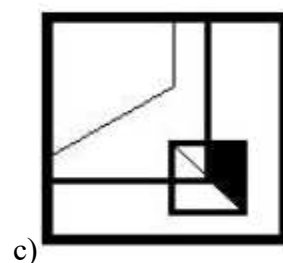
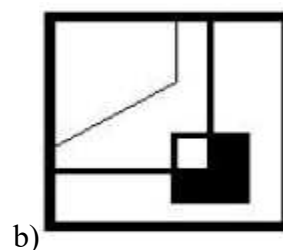
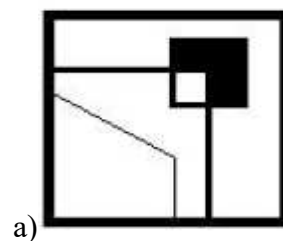
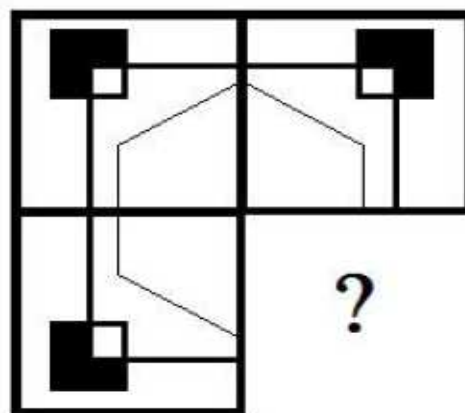
46. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



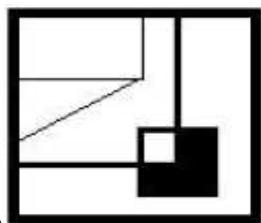
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47. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.

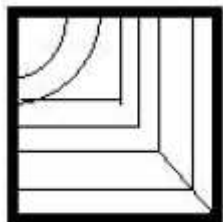
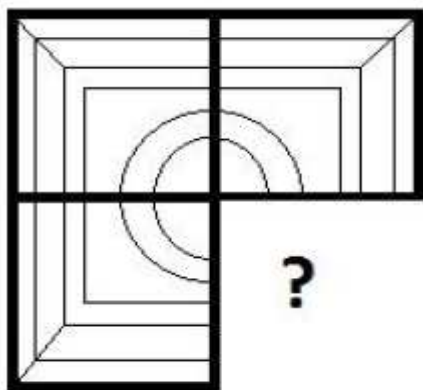


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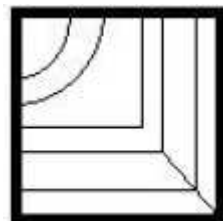


d)

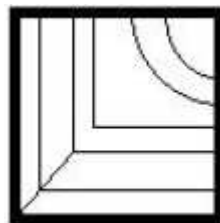
48. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



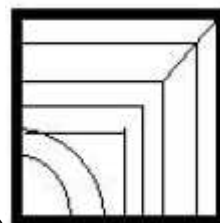
a)



b)

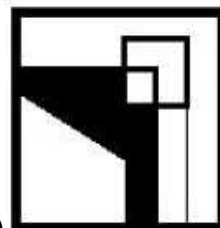
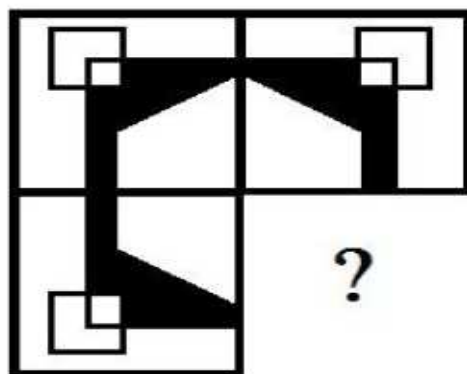


c)



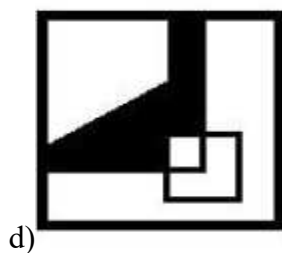
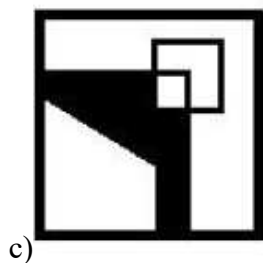
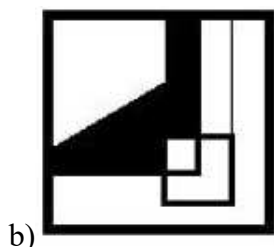
d)

49. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.

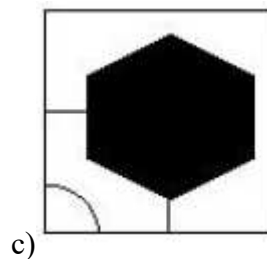
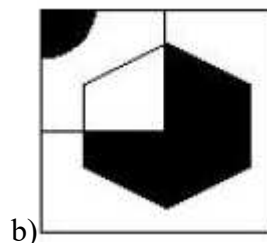
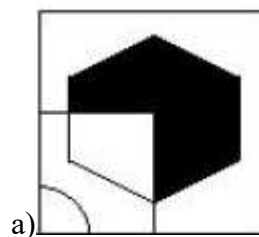
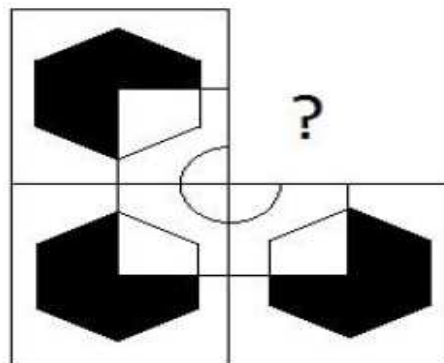


a)

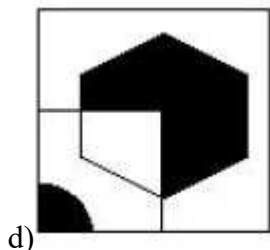
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50. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.

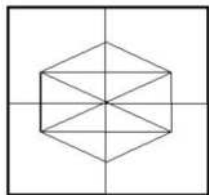


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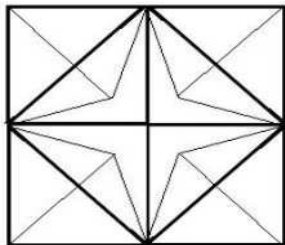


Pattern Completion – Answer and Explanation

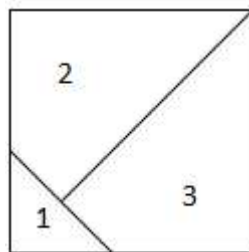
1) Answer: D



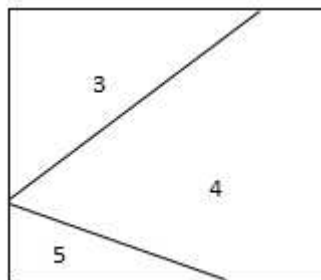
2) Answer: A



3) Answer: C

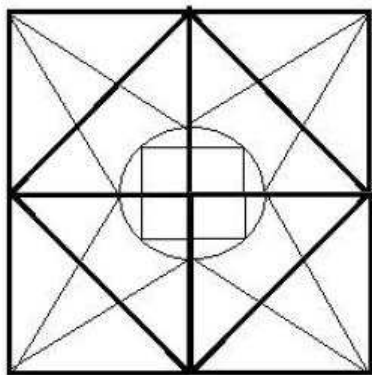


4) Answer: A

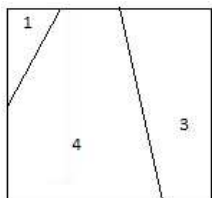


5) Answer: D

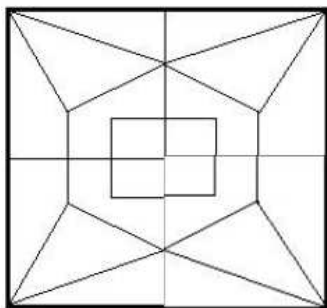
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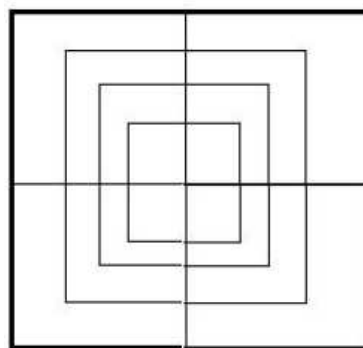
6) Answer: C



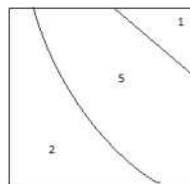
7) Answer: C



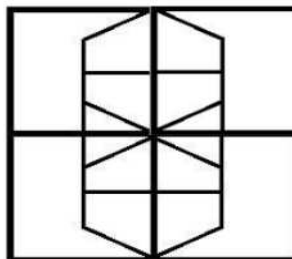
8) Answer: D



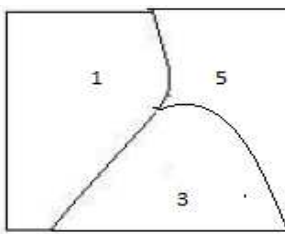
9) Answer: C



10) Answer: D

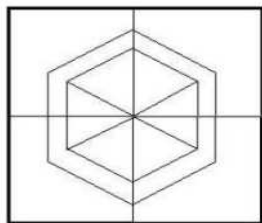


11) Answer: D

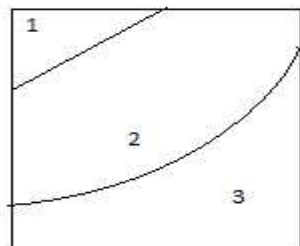


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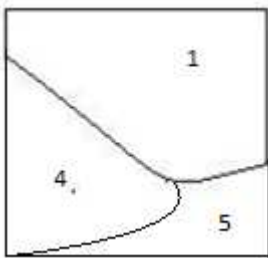
12) Answer: C



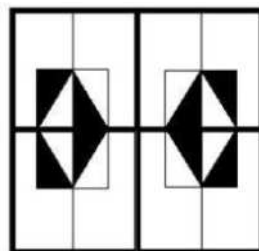
13) Answer: C



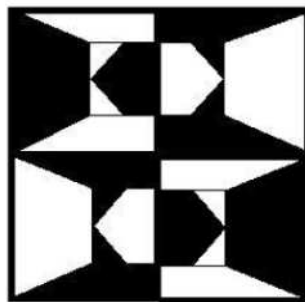
14) Answer: B



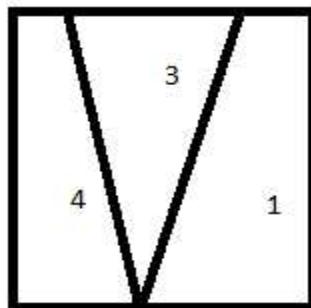
15) Answer: C



16) Answer: C

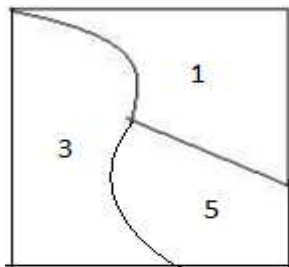


17) Answer: A

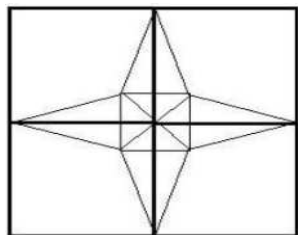


18) Answer: B

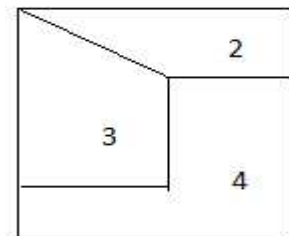
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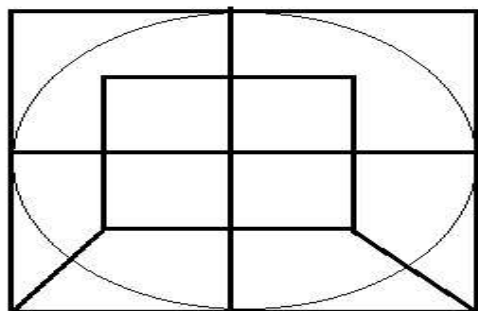
19) Answer: A



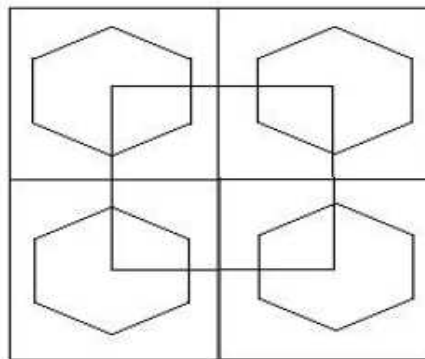
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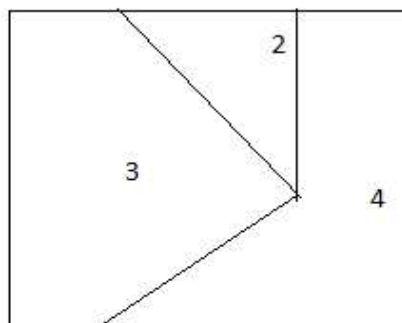
21) Answer: B



22) Answer: A

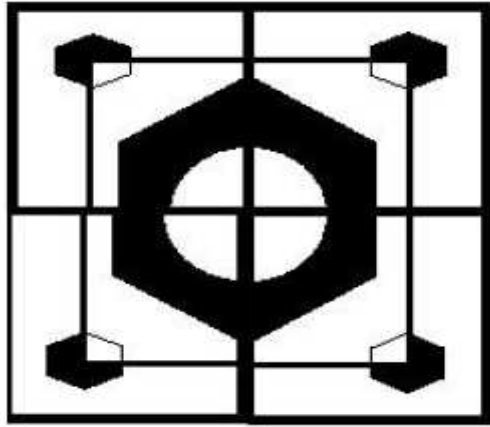


23) Answer: B

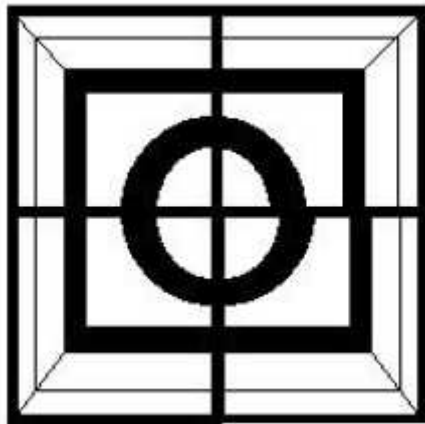


24) Answer: B

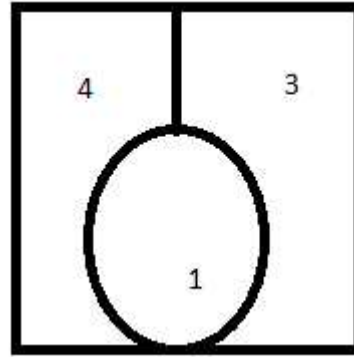
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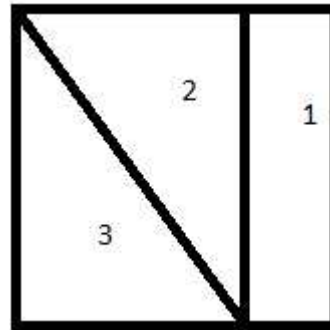
25) Answer: B



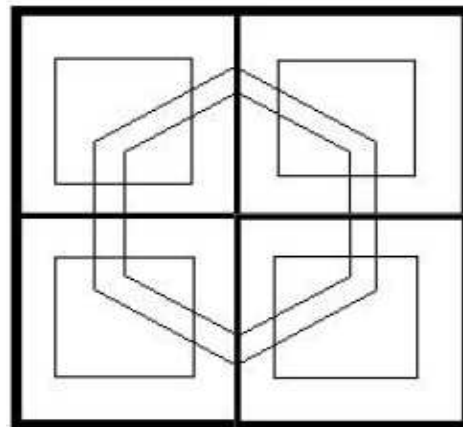
26) Answer: C



27) Answer: A

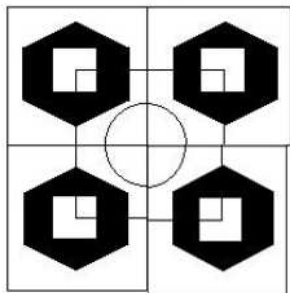


28) Answer: D

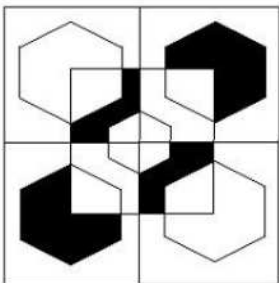


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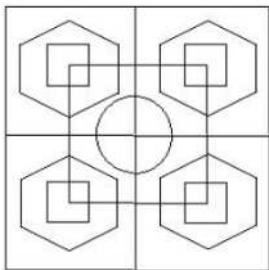
29) Answer: B



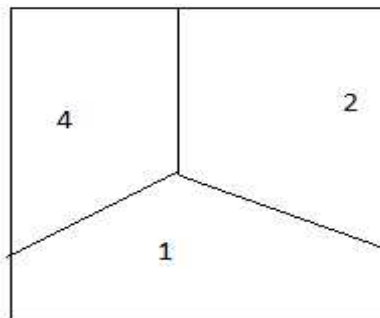
30) Answer: B



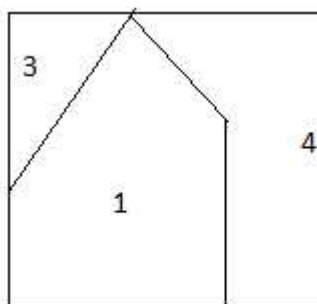
31) Answer: A



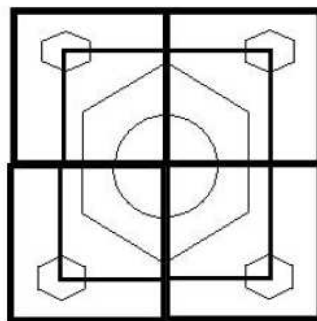
32) Answer: A



33) Answer: C

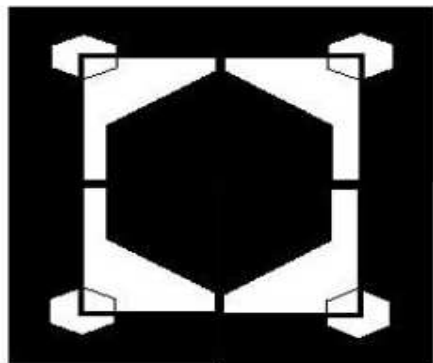


34) Answer: B

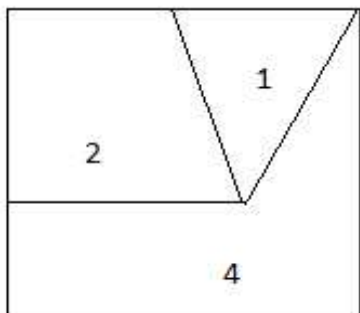


35) Answer: B

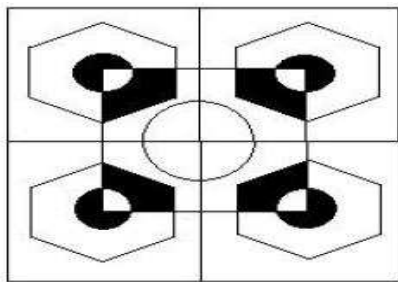
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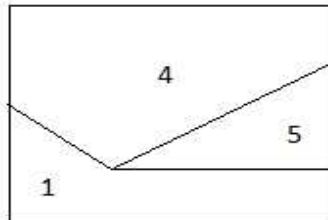
36) Answer: B



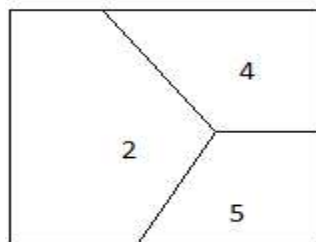
37) Answer: B



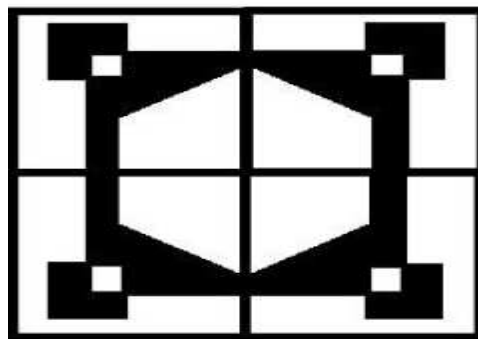
38) Answer: A



39) Answer: D

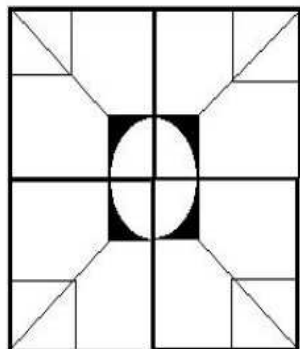


40) Answer: D

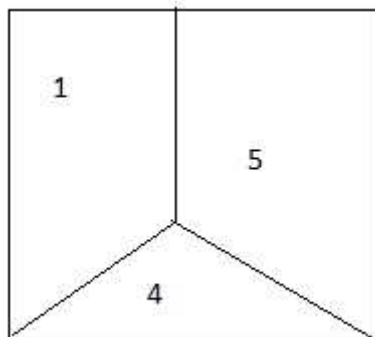


41) Answer: C

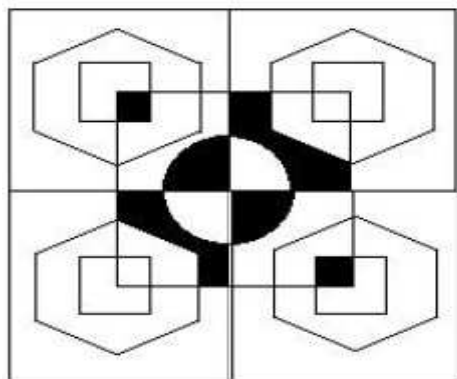
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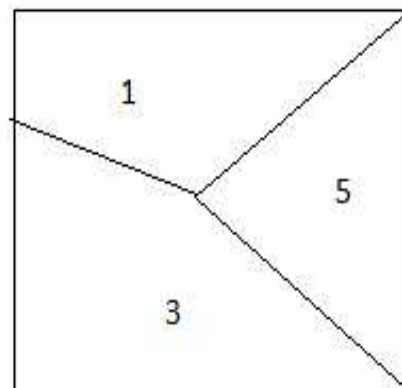
42) Answer: D



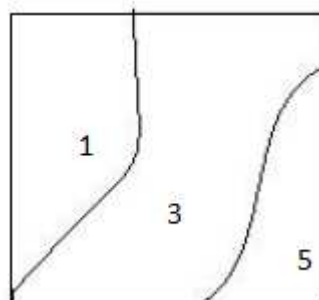
43) Answer: A



44) Answer: C

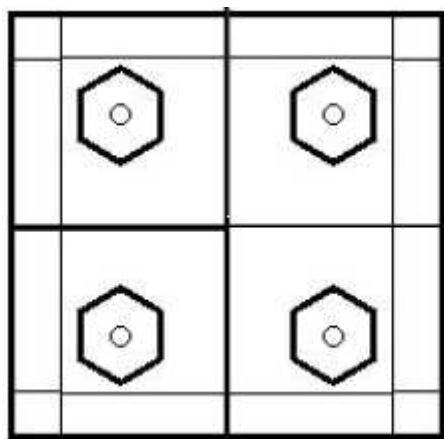


45) Answer: B

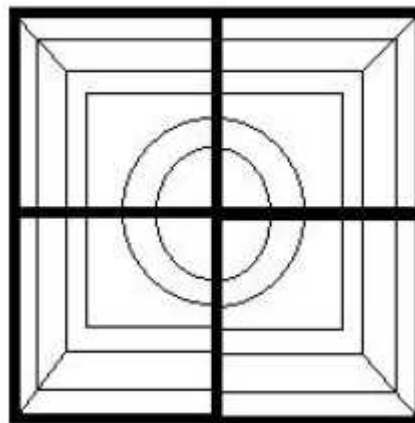


46) Answer: D

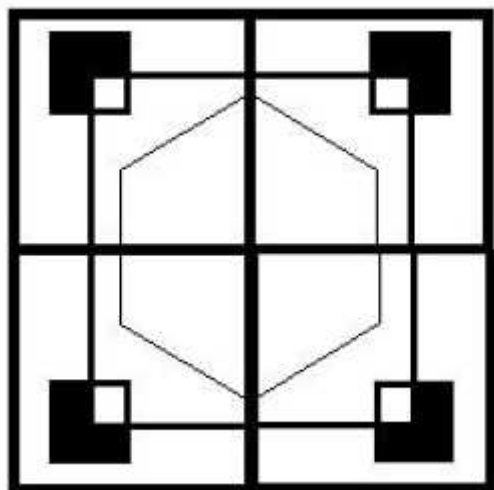
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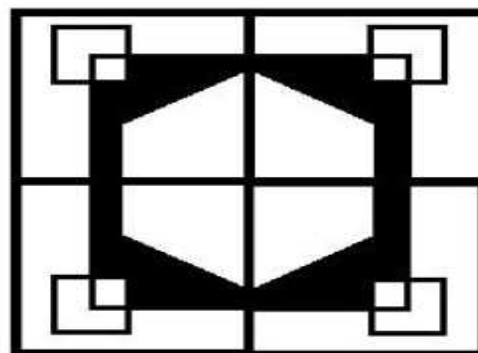
47) Answer: B



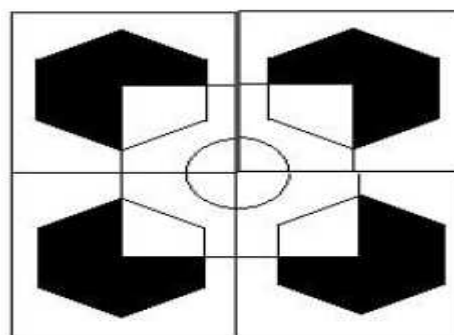
49) Answer: D



48) Answer: B



50) Answer: A



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Maps



1. Ramu goes to Gandhi Maidan from Lewis Shop at SP Colony. In which direction should he travel so that he has to cover the minimum distance?
 - a) First North then West
 - b) First South then East
 - c) First east then north
 - d) First South then North
2. In which direction Rajesh will have to travel from NIT Patna to Union Bank?
 - a) First east then north
 - b) First South then North
 - c) First east then south
 - d) First South then East
3. What is the approximate distance Ramesh will have to travel from Rajiv Nagar to SP Colony? (1 block = 1 kilometer)
 - a) 4 km
 - b) 6 km
 - c) 7 km
 - d) 8 km

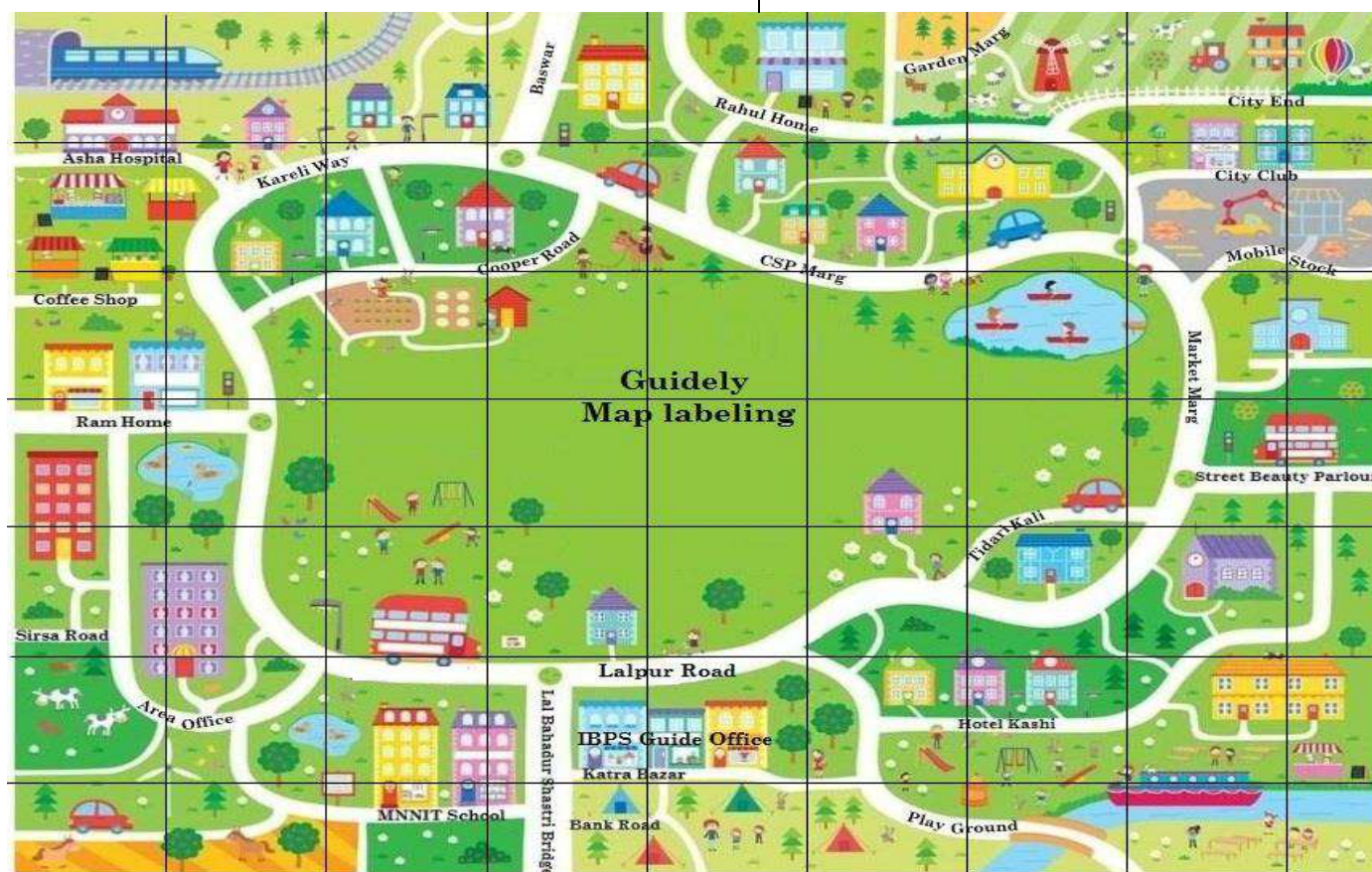
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- | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>4. Approximately how much distance does Rajesh have to travel to reach Shiv Temple from NIOS office?
(1 block = 1 kilometer)</p> <ul style="list-style-type: none">a) 5 kmb) 4 kmc) 3 kmd) 2 km | <p>7. What is the approximate minimum distance to travel Guidely from CBSE Regional Office, Hanuman Nagar?
(1 block = 1 kilometer)</p> <ul style="list-style-type: none">a) 5.5 kmb) 8 kmc) 10 kmd) 9 km |
| <p>5. Raju walks out of his house at Kurji and moves to the left and then turns to the left from the first turn. In which direction is he facing now?</p> <ul style="list-style-type: none">a) Northb) southc) Eastd) West | <p>8. How much distance will one have to travel from Gandhi Maidan to the Mahavir temple via Shiva Temple?
(1 block = 1 kilometer)</p> <ul style="list-style-type: none">a) 13 kmb) 7 kmc) 12 kmd) 11 km |
| <p>6. If the Bajitpur road is closed due to heavy traffic, how much distance will Raj have to travel from KFC in Hanuman Nagar to reach the DAV school?
(1 block = 1 kilometer)</p> <ul style="list-style-type: none">a) 8 kmb) 9 kmc) 5.5 kmd) 7 km | <p>9. In which direction will Rajesh have to travel to go to NIOS Office from PMCH?</p> <ul style="list-style-type: none">a) First east then southb) First North then Southc) First North then Westd) First West then South |
| | <p>10. In which direction will Suresh have to travel to Airtel office located in Jagdev Path from Regent Fun Cinema, while the area of Bajitpur Road and SP Colony is closed?</p> <ul style="list-style-type: none">a) First East then North then North West |

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- b) First South then East then North East
c) First East then South then North West

- d) First South then West then North East



11. Approximate how much distance will Sunita have to travel to go to Asha Hospital with IBPS Guide?

(1 block = 1 kilometer)

- a) 14 km
b) 7 km
c) 12 km
d) 11 km

12. Which direction would one have to travel to get to Hotel Kashi from IBPS Guide?

- a) First East then North then East
b) First South then East then North
c) First North then East then North
d) First South then West then North

13. What is the approximate distance that Rahul will have to travel from his house to the IBPS Guide Office in Kutra Bazaar?

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- a) 4 km
- b) 7 km
- c) 15 km
- d) 11 km

14. In which direction would Ram travel from his house via Cooper Road to Rahul's house?

- a) First East then North then East then North then East
- b) First South then East then North then East
- c) First East then North then East then South East then North
- d) First North then East then North then East

15. Rahul walks out of his house to the left, then after walking 2 km (approx), turns right at the fork and turns left at the next turn. Where is he going?

(1 block = 1 kilometer)

- a) City Club
- b) City End
- c) CSP Route
- d) None of these

16. What is the approximate distance from Cooper Road to Market Road?

(1 block = 1 kilometer)

- a) 9 km
- b) 6 km
- c) 8.5 km

- d) 11 km

17. Approximately how long will it take Ramu to reach IBPS Guide Office from Cooper Road, if his speed is 7 km/h?

(1 block = 1 kilometer)

- a) 1 hour
- b) 2 hour
- c) 2.5 hour
- d) 1.5 hour

18. Which direction will you have to travel to go to Street Beauty Parlor from the City Club?

- a) First East then North then East
- b) First South then North then West
- c) First East then South then West
- d) First West then South then East

19. How much distance will Rahul have to travel from his home to Asha Hospital.

(1 block = 1 kilometer)

- a) 7.5 km
- b) 4.5 km
- c) 9 km
- d) 7 km

20. After exiting the IBPS Guide Office, Rajesh turns to the left and then from the first turn to the left and then from the next turn to the right. In which direction is he facing now?

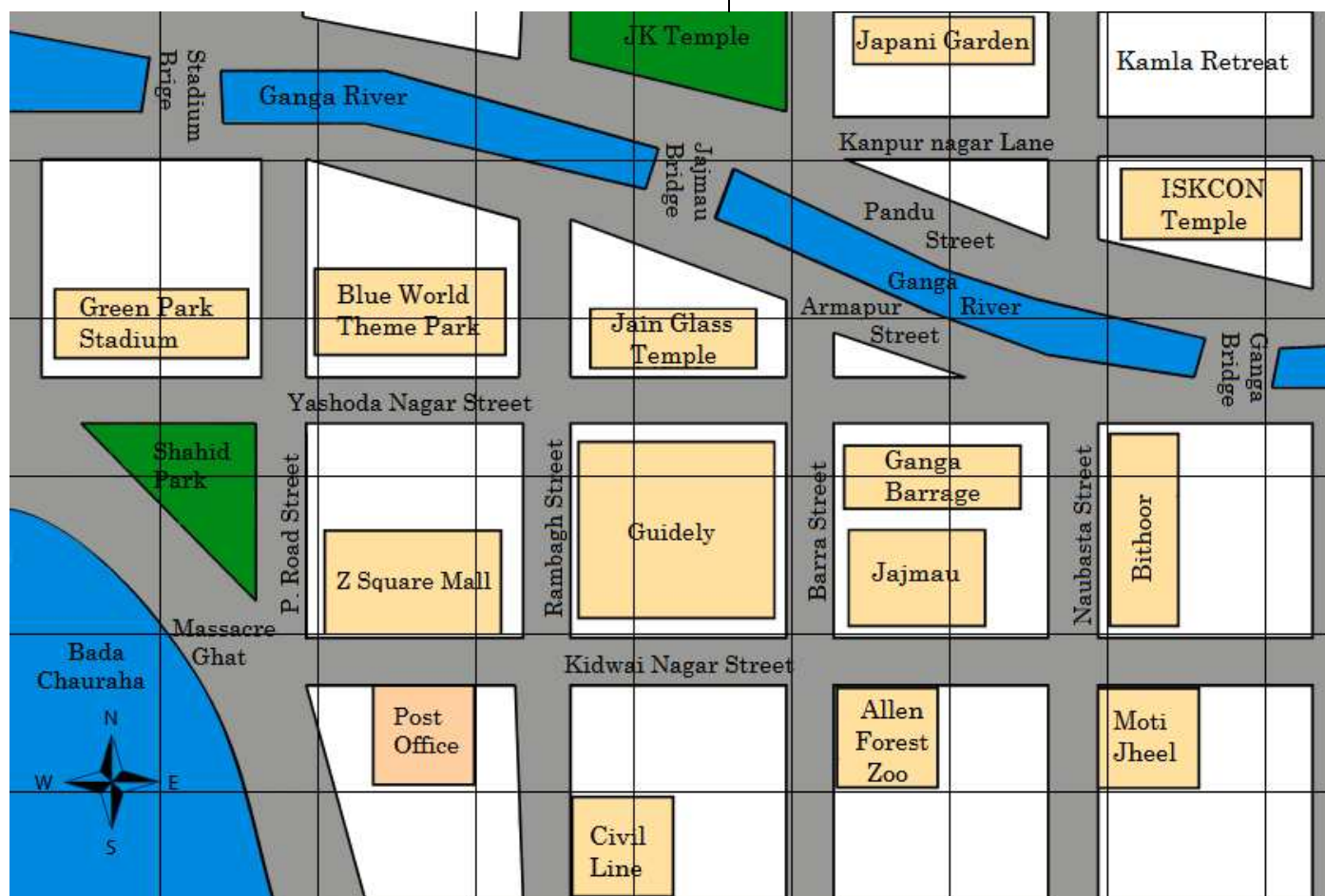
- a) North

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b) South

c) East

d) West



21. How much distance will Rajesh have to travel from Bada Chauraha to Bithoor?

(1 block = 1 kilometer)

- a) 6 km
- b) 7 km
- c) 9 km
- d) 5 km

22. Approximate how much time Mohan will take to go to JK Temple from the post office, if his speed is 5 km/h.

(1 block = 1 kilometer)

- a) 2.5 hour
- b) 2 hour
- c) 1.5 hour
- d) 1 hour

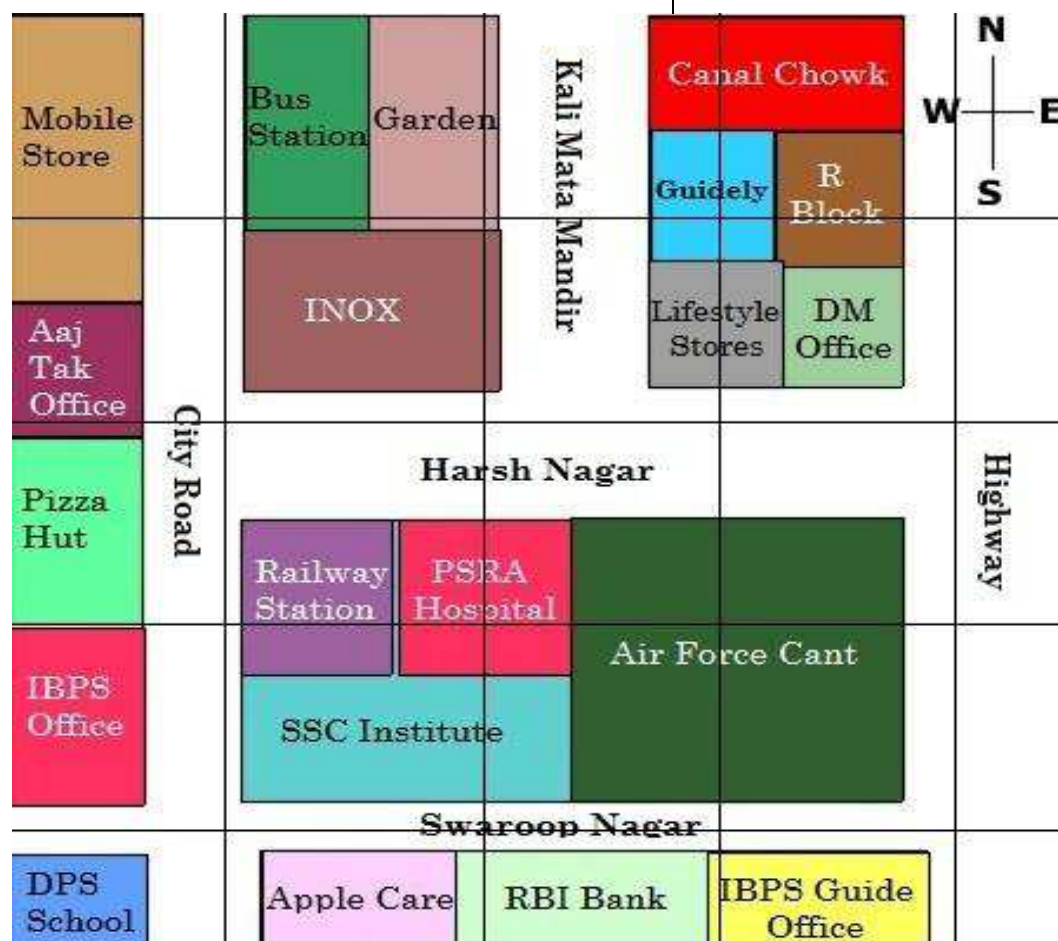
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23. In which direction will one have to travel to go to the Guidely office in Rambagh from Z Square Mall?
- a) First right then right
 - b) First left then right
 - c) First right then left
 - d) First left then left
24. What is the approximate distance from Jain Glass Temple to Motijheel?
- (1 block = 1 kilometer)
- a) 5.5 km
 - b) 3.5 km
 - c) 9 km
 - d) 8 km
25. Which is the possible routes to go to ISKCON Temple from Civil Line?
- a) Kidwai Nagar and Naubasta Street
 - b) Kidwai Nagar and Rambagh Street
 - c) Kidwai Nagar and Barra Street
 - d) All are possible
26. How much time Suresh will take to reach Green Park from the Bada Chauraha, if his speed is 5 km/h?
- (1 block = 1 kilometer)
- a) 1/2 hour
 - b) 1 hour
 - c) 1.5 hour
 - d) 2 hour
27. What is the approximate distance of JK Temple from Blue World Theme Park in Yashoda Nagar?
- (1 block = 1 kilometer)
- a) 3.5 km
 - b) 4.5 km
 - c) 5 km
 - d) 6 km
28. In which direction will Rashmi have to travel from Motijheel to the Blue World Theme Park, if the roads to Rambagh and Barra are closed?
- a) First West then North
 - b) First east then west
 - c) First South then West
 - d) First North then West
29. Which bridge will have to be crossed to go to Japani Garden from post office via Motiljeel?
- a) Ganga Bridge
 - b) Jazmau Bridge
 - c) Stadium Bridge
 - d) None of these
30. In which direction will one have to travel to go to JK Temple from the Guidali office in Rambagh?
- a) First East then North then East
 - b) First east then west then north

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c) First North then East then North

d) First West then East then North



31. How much time Suresh will take to go to IBPS Guide Office from Guidely office located on Kali Mata Mandir Road, if he goes through City Road and has a speed of 5 km/h?

(1 block = 1 kilometer)

- a) 1.2 hours
- b) 2 hours
- c) 2.2 hours

32. What is the approximate distance from bus stand to PSRA hospital?

(1 block = 1 kilometer)

- a) 1 km
- b) 3 km
- c) 4 km
- d) 3.5 km

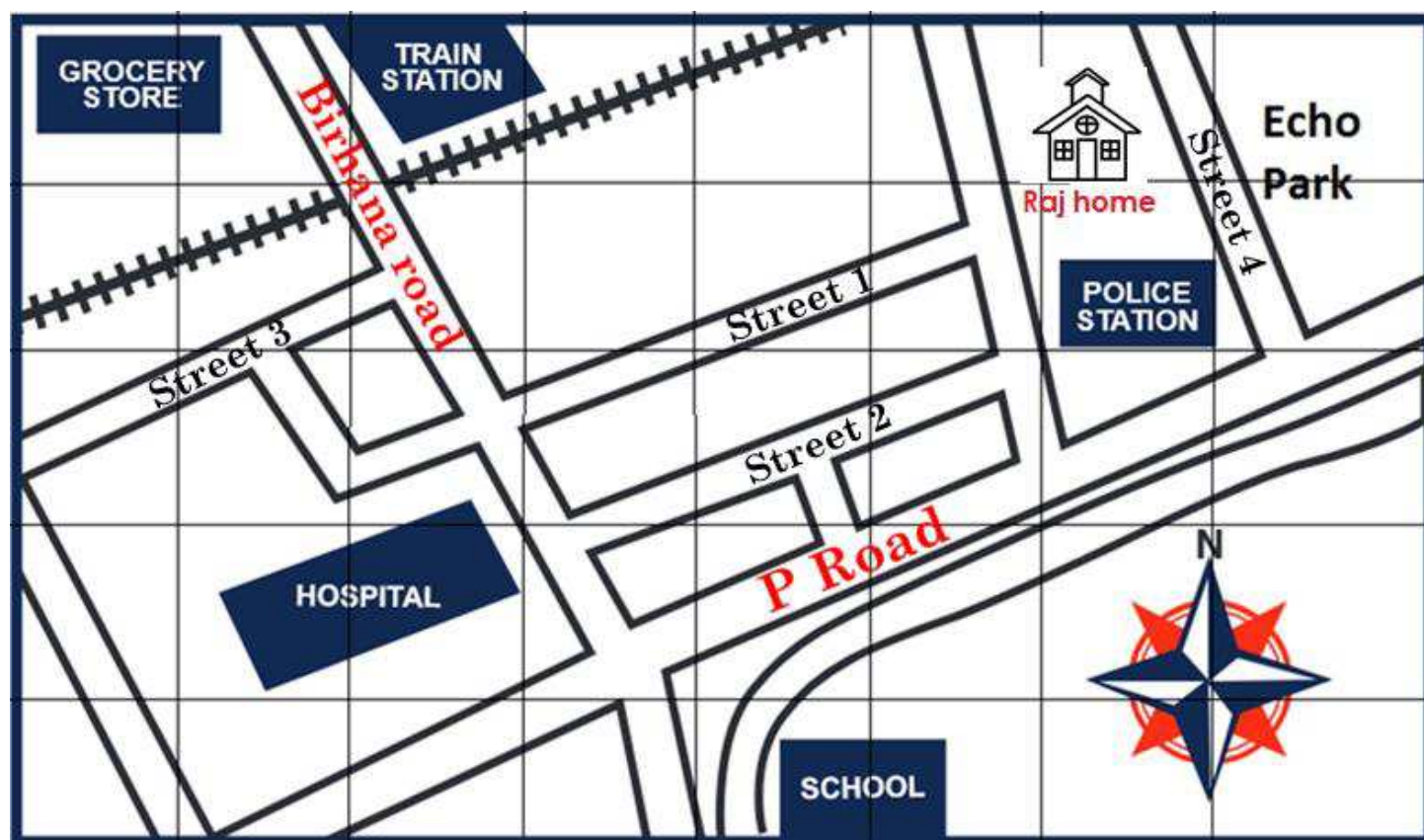
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33. **Rajesh leaves from guidely office and then walks to the left and then turns to the right at the next turn. In which direction is he facing now?**
a) West
b) East
c) South
d) North
34. **Which of the following is a possible way to go from highway to apple care?**
a) Harsh Nagar via City Road
b) Swaroop Nagar
c) Both A and B
d) None of these
35. **What is the approximate distance that Rani will have to travel from DPS school to DM office if she passes through Swaroop Nagar?**
(1 block = 1 kilometer)
a) 6 km
b) 3 km
c) 4 km
d) 7 km
36. **In which direction does Rajesh have to travel from R block to RBI bank so that he has to cover minimum distance?**
a) First left then left
b) First left then right
c) First right then right
d) First right then left
37. **How much time Suresh will take to go to Pizza Hut from the highway, if his speed is 7 km / h?**
(1 block = 1 kilometer)
a) 30 minutes
b) 50 minutes
c) 1 hour
d) 1 hour 15 minutes
38. **How much distance does Neelam have to travel from Apple care to mobile store?**
(1 block = 1 kilometer)
a) 4.5 km
b) 3 km
c) 5 km
d) 2 km
39. **Approximately how much distance does Suresh have to travel from the mobile store to RBI Bank if there is a road block in front of the IBPS Office?**
(1 block = 1 kilometer)
a) 12 km
b) 11 km
c) 10 km
d) 7.5 km
40. **Raju goes to DPS School from R block via Harsh Nagar road, and then it takes 30**

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minutes. Today due to Harsha Nagar and City Road jam, he will have to go to DPS school via Highway through Swaroop Nagar. How long will it take today? (Speed is same)
(1 block = 1 kilometer)

- a) 20 minutes
- b) 30 minutes
- c) 40 minutes
- d) 50 minutes



41. Rohan is a police officer and goes to the grocery store after work. How much distance he has to travel? (1 block is approx. 1 km)

a) More than 5 km

- b) Less than 5 km
- c) 4 km
- d) 4.5 km

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42. **Preeti has to go to school from echo park. Which direction she has to move?**
- a) North west and then south
 - b) South east and then south
 - c) South west and then south
 - d) North east and then north
43. **Rajiv Singh is a train conductor. He wants to meet an old friend at Echo park. In what direction should he travel?**
- a) North west and then south east
 - b) South east and then North east
 - c) South west and then south east
 - d) North east and then north east
44. **Ram is a school teacher and getting down from Jansadharan Express, how much distance he has to travel to reach school. (1 block is approx. 1 km)**
- a) More than 4 km
 - b) Less than 4 km
 - c) 3 km
 - d) 3.5 km
45. **Find out aproximate distance from hospital to police station. (1 block is approx. 1 km)**
- a) 6 km
 - b) 4.5 km
 - c) 3 km
 - d) 5 km
46. **Exiting the hospital, Raushan turn right and then turn left from the next road. In which direction is he facing now?**
- a) North west
 - b) South east
 - c) South west
 - d) North east
47. **How far Ramu has to travel to get to his house from the grocery store via P road, who lives near Echo Park? (1 block is approx. 1 km)**
- a) 8 km
 - b) 6.5 km
 - c) 6 km

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- d) 5 km
48. **How much time Raj will take to go to school from his house, being street number 4, if his speed is 12 km/h? (1 block is about 1 km)**
- a) 30 minutes
b) 40 minutes
c) 50 minutes
d) 60 minutes
49. **In which direction does Raj have to travel to to home from the railway station so that he has to cover the minimum distance?**
- a) First left then left
b) First left then right
c) First right then right
d) First right then left
50. **Raj walks out of his house towards street 4 and then walks right, then turns right at the next turn. In which direction is he is facing now?**
- a) North West
b) North East
c) South west
d) North

MAPS – Answer and Explanation

- 1) **Answer: A**
To go to Gandhi Maidan from Lewis Shop, Ramu will first have to go north via SP Colony and then to the west from the Jagdev path.
- 2) **Answer: C**
To go to Union Bank from NIT Patna, Rajesh will first have to travel east then south.
- 3) **Answer: A**
- From Rajiv Nagar, via Boring Road, AG Colony, Ramesh will have to walk about 4 km to go to SP Colony.
- 4) **Answer: C**
From the NIOS office, Rajesh will have to cover about 3 km to reach Shiv Temple.
- 5) **Answer: A**

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leaving his house at Kurji, Raju walks on the boring road on the left and then turns towards Bajitpur on the left. Now he is facing north.

6) Answer: C

Due to the closed of Bajitpur Road, Raj will have to go to DAV School from Jagdev Path, via SP Colony. Thus he would have to travel about 5.5 km.

7) Answer: A

To go to Guidely from CBSE Regional Office at Hanuman Nagar, one has to travel about 5.5 km from City Road via Rajiv Nagar.

8) Answer: B

From Gandhi Maidan via Shiva Temple, one has to travel about 7 km to go to Mahavir Temple.

9) Answer: A

To go to NIOS office from PMCH, Rajesh will first have to go on Hanuman Nagar road in the east and then on Bajitpur road in the south.

10) Answer: A

From Regent Fun Cinema, first towards East, then north from Shiva Temple Road, then north west on Jagdev Path

11) Answer: B

Sunita will have to cover a distance of about 7 km to go to Asha Hospital from IBPS Guide.

12) Answer: A

To go to Hotel Kashi from IBPS Guide, one has to travel first east, then north and again east.

13) Answer: A

Rahul will have to travel about 11 km from his home to go to IBPS Guide Office located at Katra Bazar.

14) Answer: C

Ram has to travel from his house towards east then north then east towards Cooper Road and then southeast towards CSP route then north from first turn.

15) Answer: C

Rahul walks out of his house to the left, then after walking 2 km (approx), turns right at the fork and turns left at the next turn. On this route, the city club falls, that is, Rahul is going to the city club.

16) Answer: B

The distance from Cooper Road to Market Road is about 6 km.

17) Answer: A

Distance from Cooper Road to IBPS Guide Office = 7 km approx.

Hence time = 1 hour

18) Answer: D

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To go from City Club to Street Beauty Parlor, first west then South towards Market Marg then East towards Beauty Parlor.

19) Answer: B

Rahul will have to travel approximately 4.5 km from his home to Asha Hospital.

20) Answer: C

After exiting the IBPS Guide Office, Rajesh turns to the left and then from the first turn to the left and then from the next turn to the right. Now he is going towards Kashi Hotel and he is facing east.

21) Answer: A

Rajesh will have to travel 6 km from Bada Chauraha to Bithur via Kidwai Nagar.

22) Answer: D

JK Temple distance from the post office = 5 km approx

Hence time = 1 hour

23) Answer: D

Departing from Z Square Mall, one has to first walk left then again left to go to Guidely office in Rambagh.

24) Answer: B

The distance from Jain Glass Temple to Motijheel is about 3.5 km.

25) Answer: D

One can go to ISKCON Temple from civil lines, through all the above routes.

26) Answer: A

Distance of Bada Chauraha to Green Park = 2.5 km approx.

Hence time = $2.5/5 = \frac{1}{2}$ hour

27) Answer: A

The distance of JK Temple from Blue World Theme Park is about 3.5 km.

28) Answer: D

To go to the Blue World Theme Park from Motijheel, Rashmi will have to turn north (via Nauvasta Bazaar) and then turn west (left) at the next intersection

29) Answer: A

From the post office, you have to cross the Ganges Bridge to go to the Japan Garden via Motijheel.

30) Answer: C

From the guidely office at Rambagh to JK Temple, one has to travel to north, then east towards Jajmau Bridge and then north, crossing the bridge towards JK Temple.

31) Answer: A

Distance from Guidely office located at Kali Mata Mandir Road to IBPS Guide Office = 6 km

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Hence time = $6/5 = 1.2$ hour

32) Answer: B

The distance from the bus stand to PSRA Hospital is about 3 km.

33) Answer: A

Rajesh leaves from guidely office and then walks left on Kali Mata Mandir Road, then turns towards right on the next turn towards city road.

Now he is facing west.

34) Answer: C

To go to apple care from highway, both way are possible.

35) Answer: A

Rani will have to travel about 6 km to go to DM office from DPS school via Swaroop Nagar.

36) Answer: C

To go from R block to RBI bank, Rajesh has to go to right (highway) then again right (Swaroop Nagar).

37) Answer: A

Estimated distance from the highway to Pizza Hut = 3.5 km

Speed = 7 km/h

Hence time = $3.5/7 = 30$ minutes

38) Answer: B

Neelam will have to travel a distance of about 3 km from the Apple care to the mobile store.

39) Answer: D

Suresh will have to go from Harsh Nagar via highway to go to RBI bank from mobile store. Thus he would have to travel about 7.5 km.

40) Answer: B

In both the situations he will have to cover almost the same distance, so the time will also be same.

41) Answer: A

Rohan has to travel 4 km to reach birhana road and atleast 1 more km to reach grocery store. So he has to travel more than 5 km.

42) Answer: C

Preeti has to travel in south west direction on P road and then in south direction to school.

43) Answer: B

Rajiv has to travel in south east direction from Birhana road to P road and then in North east direction to Echo park.

44) Answer: A

Ram has to travel minimum 3 km to reach P road and atleast 1 more km to reach school. So he has to travel more than 4 km.

45) Answer: A

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Minimum distance from Hospital to police station in approximate 3 km from street in front of Hospital.

46) Answer: D

After leaving Hospital, turn right and then turn left from the P Road. Now Raushan is facing North East.

47) Answer: A

Ramu will have to travel about 8 km to go to his house via P road from grocery store.

48) Answer: A

Distance from Raj's house to school via street 4 = 6 km approx

Speed = 12 km / h

Hence time = $6/12 = 30$ minutes

49) Answer: A

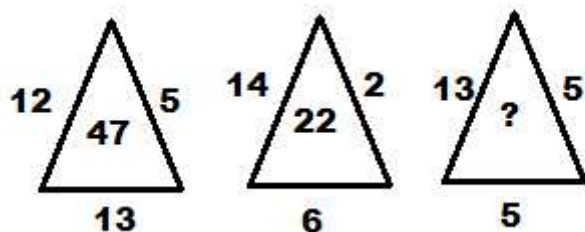
To go to home from the railway station, Raj will have to go first to the left (Birhana Road) and then again to the left (street 1).

50) Answer: C

Raj walks out of his house towards street 4 and then walks right, then turns right at the next turn. He is now on P Road and facing southwest.

Analytical Reasoning

1. Find the missing number in the diagram given below.



a) 65

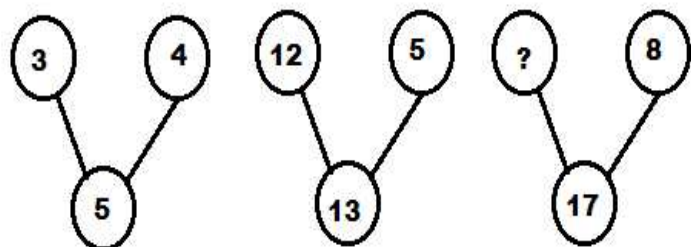
b) 60

c) 55

d) 45

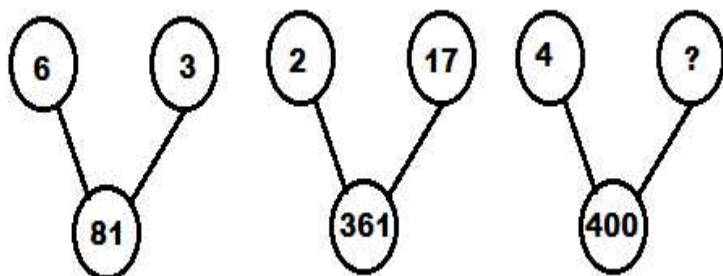
2. Find the missing number in the diagram given below.

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- a) 13
- b) 17
- c) 15
- d) 18

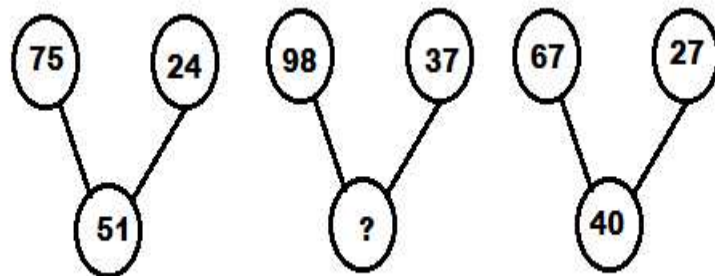
3. Find the missing number in the diagram given below.



- a) 20
- b) 40
- c) 32

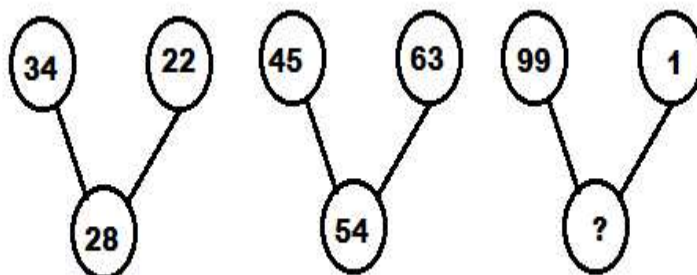
d) 16

4. Find the missing number in the diagram given below.



- a) 61
- b) 67
- c) 73
- d) 89

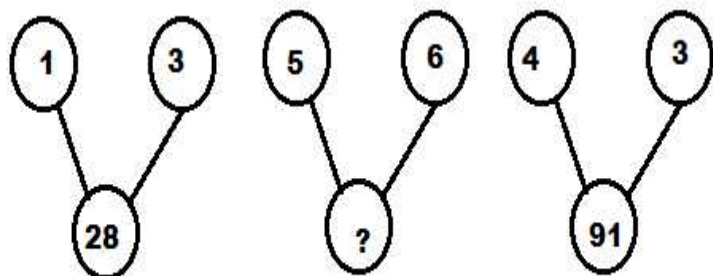
5. Find the missing number in the diagram given below.



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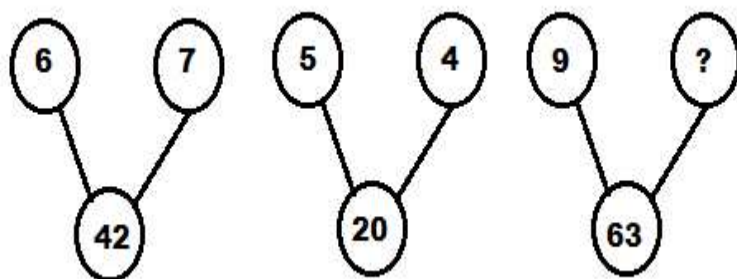
- a) 100
- b) 75
- c) 50
- d) 25

6. Find the missing number in the diagram given below.



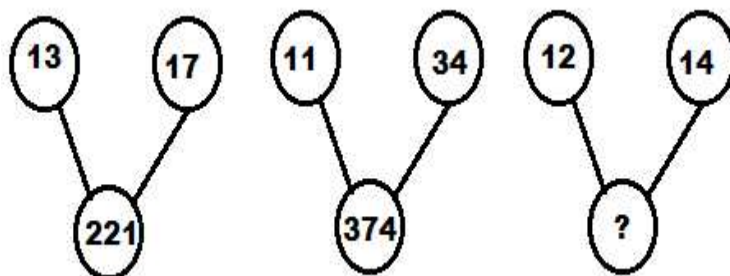
- a) 431
- b) 241
- c) 321
- d) 341

7. Find the missing number in the diagram given below.



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

8. Find the missing number in the diagram given below.

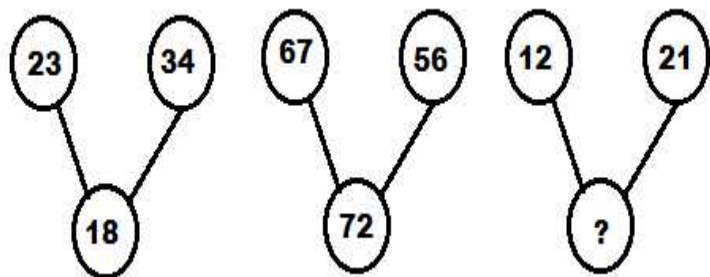


- a) 128
- b) 168
- c) 158

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d) 178

9. Find the missing number in the diagram given below.



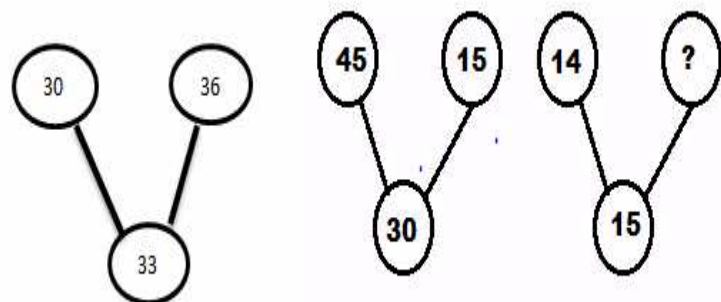
a) 4

b) 7

c) 6

d) 8

10. Find the missing number in the diagram given below.



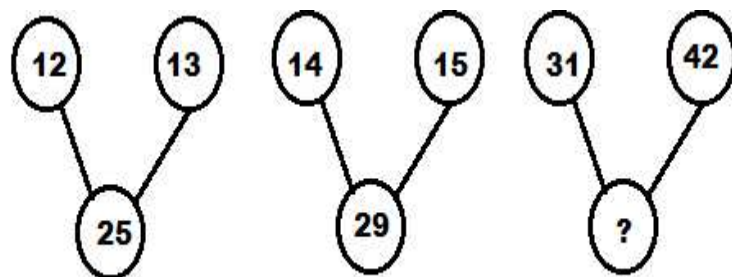
a) 18

b) 16

c) 14

d) 15

11. Find the missing number in the diagram given below.



a) 73

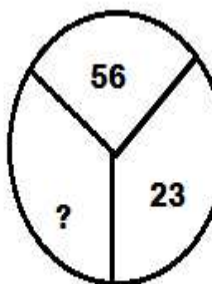
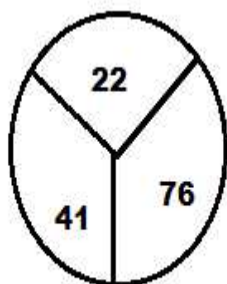
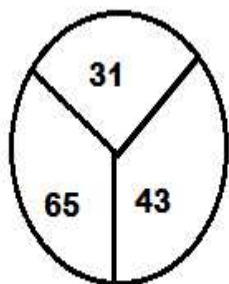
b) 72

c) 70

d) 92

12. Find the missing number in the diagram given below.

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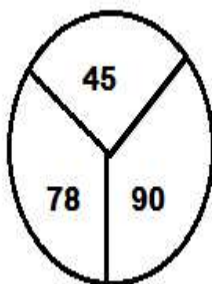
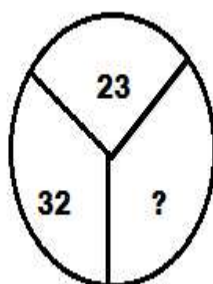
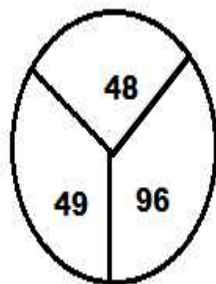
a) 60

b) 78

c) 68

d) 70

13. Find the missing number in the diagram given below.



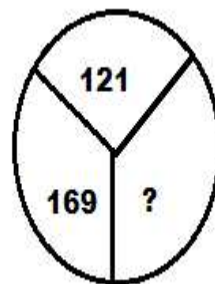
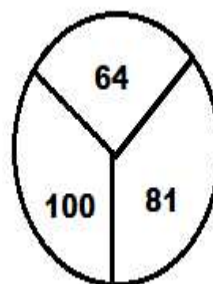
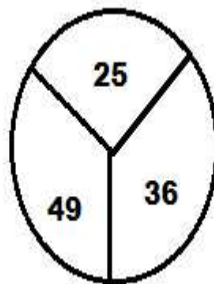
a) 66

b) 78

c) 98

d) 46

14. Find the missing number in the diagram given below.



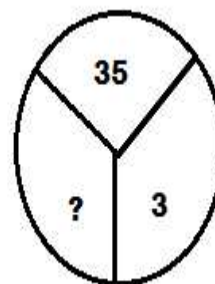
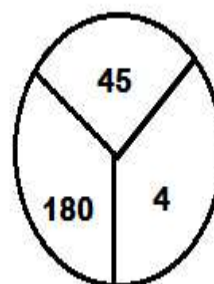
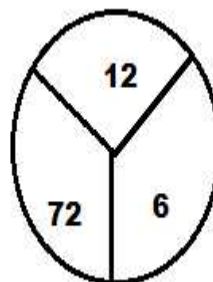
a) 144

b) 121

c) 196

d) 189

15. Find the missing number in the diagram given below.



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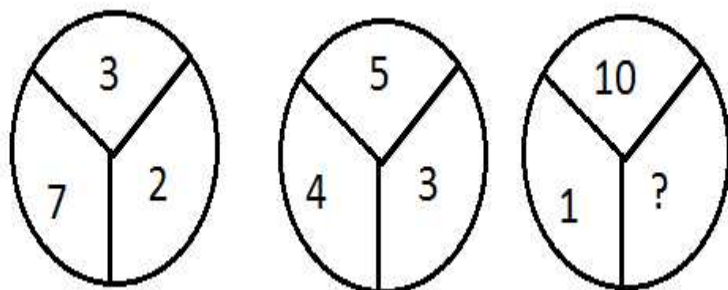
a) 115

b) 120

c) 105

d) 135

16. Find the missing number in the diagram given below.



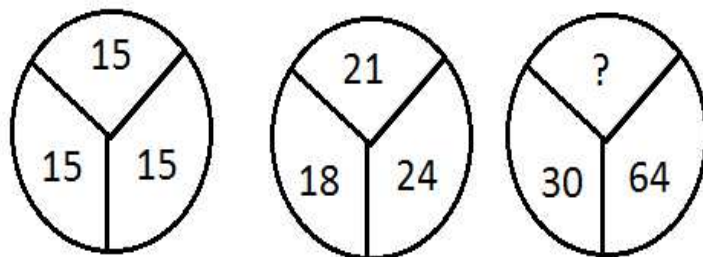
a) 4

b) 2

c) 5

d) 1

17. Find the missing number in the diagram given below.



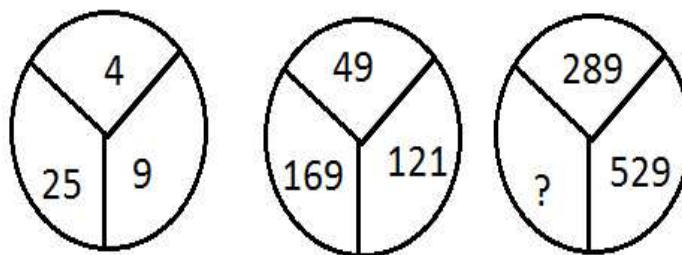
a) 51

b) 47

c) 32

d) 19

18. Find the missing number in the diagram given below.



a) 841

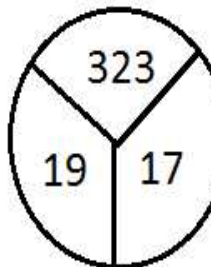
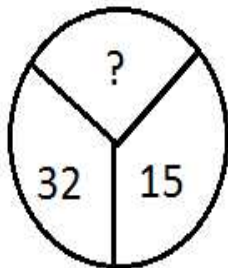
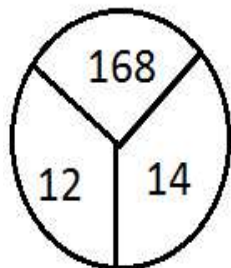
b) 361

c) 441

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d) 961

19. Find the missing number in the diagram given below.



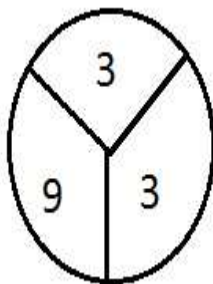
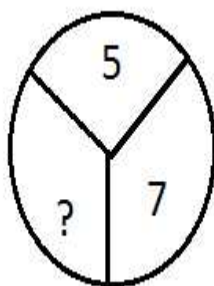
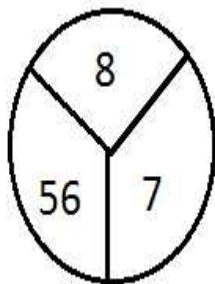
a) 580

b) 450

c) 480

d) 550

20. Find the missing number in the diagram given below.



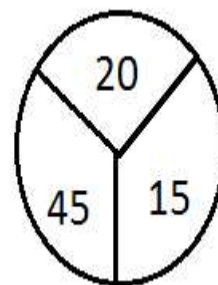
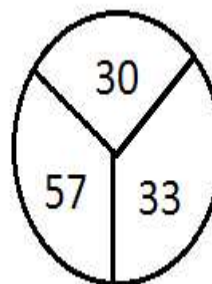
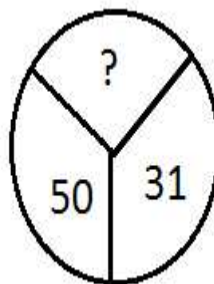
a) 21

b) 14

c) 28

d) 35

21. Find the missing number in the diagram given below.



a) 30

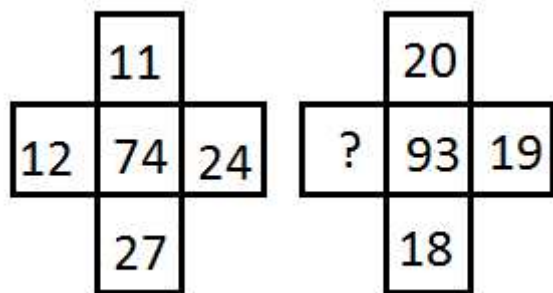
b) 10

c) 15

d) 21

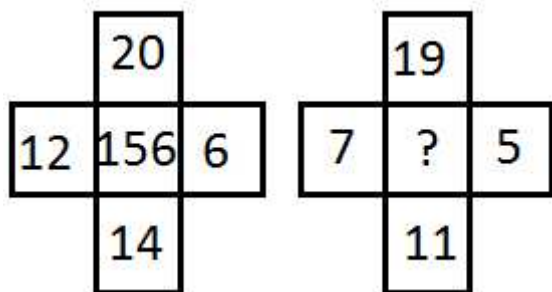
22. Find the missing number in the diagram given below.

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- a) 36
- b) 45
- c) 54
- d) 16

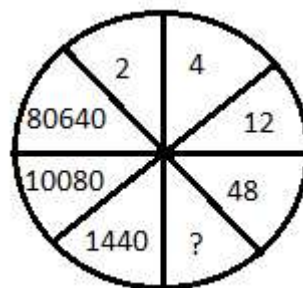
23. Find the missing number in the diagram given below.



- a) 56
- b) 123
- c) 78

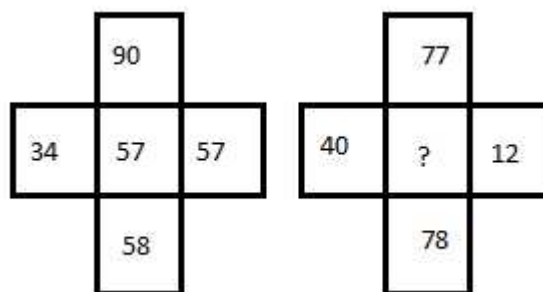
d) 105

24. Find the missing number in the diagram given below.



- a) 120
- b) 240
- c) 720
- d) 840

25. Find the missing number in the diagram given below.



- a) 103

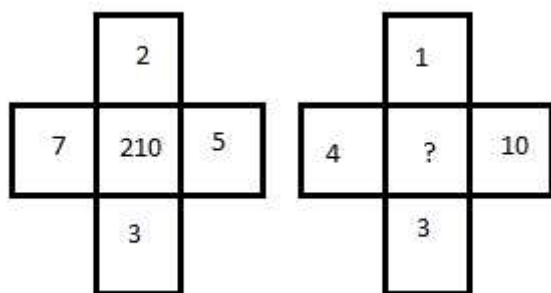
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b) 113

c) 123

d) 133

26. Find the missing number in the diagram given below.



a) 240

b) 140

c) 120

d) 280

27. Find the missing number in the diagram given below.

3	5	8
4	12	?
5	13	17

a) 13

b) 15

c) 16

d) 14

28. Find the missing number in the diagram given below.

2	5	8
5	7	?
129	368	280

a) 4

b) 6

c) 16

d) 36

29. Find the missing number in the diagram given below.

117	89	221
48	?	88
69	45	133

a) 44

b) 48

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c) 64

d) 42s

30. Find the missing number in the diagram given below.

13	34	442
19	4	76
31	56	?

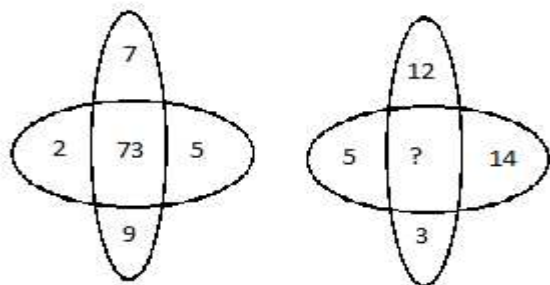
a) 1526

b) 1376

c) 1736

d) 1256

31. Find the missing number in the diagram given below.



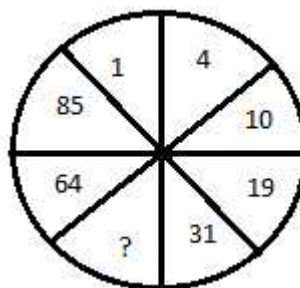
a) 106

b) 112

c) 142

d) 156

32. Find the missing number in the diagram given below.



a) 45

b) 46

c) 47

d) 49

33. Find the missing number in the diagram given below.

2	5	10
17	26	37
50	?	82

a) 55

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b) 72

c) 65

d) 59

34. Find the missing number in the diagram given below.

1	5	25
3	12	?
7	14	28

a) 36

b) 84

c) 48

d) 63

35. Find the missing number in the diagram given below.

17	51	3
15	135	9
14	70	?

a) 7

b) 9

c) 13

d) 5

36. Find the missing number in the diagram given below.

12	47	21
10	52	4
64	83	?

a) 12

b) 24

c) 36

d) 48

37. Find the missing number in the diagram given below.

7	1	12
5	3	?
9	7	8

a) 1

b) 2

c) 3

d) 4

38. Find the missing number in the diagram given below.

17	29	46
----	----	----

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34	23	?
67	77	144

a) 57

b) 97

c) 81

d) 53

39. Find the missing number in the diagram given below.

3	5	19
15	8	7
39	31	?

a) 71

b) 91

c) 81

d) 11

40. Find the missing number in the diagram given below.

2	1	6
6	4	?
8	9	8
104	98	149

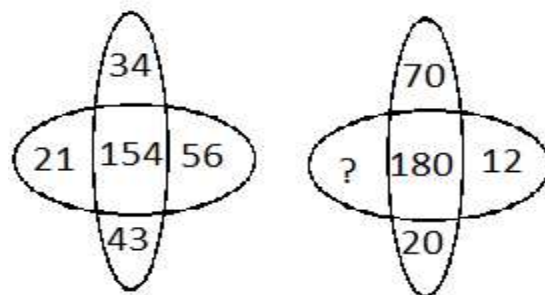
a) 7

b) 13

c) 21

d) 19

41. Find the missing number in the diagram given below.



a) 80

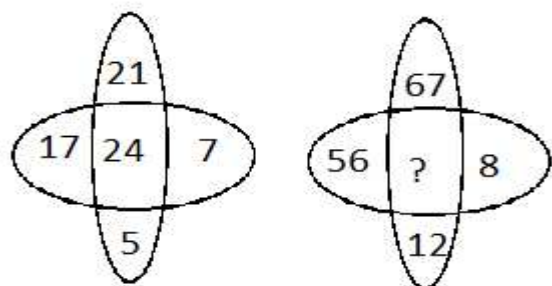
b) 18

c) 72

d) 78

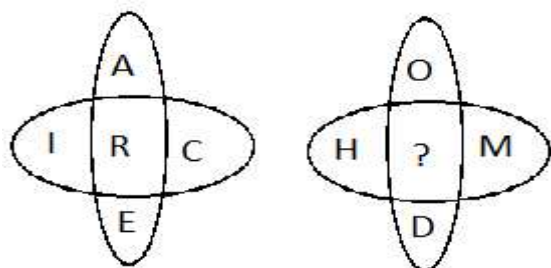
42. Find the missing number in the diagram given below.

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- a) 100
- b) 110
- c) 120
- d) 150

43. Find the missing number in the diagram given below.



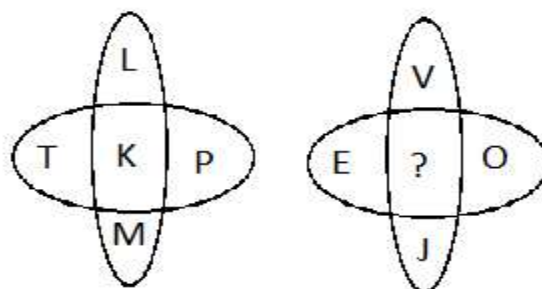
- a) N
- b) M
- c) L
- d) O

44. Find the missing number in the diagram given below.

A	B	E
D	D	C
Q	T	?

- a) F
- b) H
- c) Z
- d) V

45. Find the missing number in the diagram given below.



- a) P
- b) N
- c) L
- d) R

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46. Find the missing number in the diagram given below.

12	24	16
45	90	115
77	98	?

a) 165

b) 145

c) 195

d) 155

47. Find the missing number in the diagram given below.

34	6	204
29	?	319
19	17	323

a) 21

b) 11

c) 16

d) 33

48. Find the missing number in the diagram given below.

E	B	T
---	---	---

E	F	A
Y	L	?

a) T

b) L

c) P

d) V

49. Find the missing number in the diagram given below.

82	56	131
99	48	141
16	64	?

a) 80

b) 56

c) 72

d) 24

50. Find the missing number in the diagram given below.

4	5	3
8	17	?
5	13	12

a) 25

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b) 15

c) 20

d) 10

Analytical Reasoning – Answer and Explanation

1) Answer: B)

$$(12 \times 5) - 13 = 47$$

$$(14 \times 2) - 6 = 22$$

$$(13 \times 5) - 5 = \mathbf{60}$$

2) Answer: C)

$$3^2 + 4^2 = 5^2$$

$$12^2 + 5^2 = 13^2$$

$$?^2 + 8^2 = 17^2$$

$$\Rightarrow ?^2 = 17^2 - 8^2$$

$$\Rightarrow ?^2 = 289 - 64$$

$$= ?^2 = 225$$

$$\Rightarrow ? = \mathbf{15}$$

3) Answer: D)

$$(6 + 3)^2 = 81$$

$$(2 + 17)^2 = 361$$

$$(4 + ?)^2 = 400$$

$$\Rightarrow 4 + ? = 20$$

$$\Rightarrow ? = 20 - 4$$

$$\Rightarrow ? = \mathbf{16}$$

4) Answer: A)

$$75 - 24 = 51$$

$$67 - 27 = 40$$

$$98 - 37 = \mathbf{61}$$

5) Answer: C)

$$(34 + 22) \div 2 = 28$$

$$(45 + 63) \div 2 = 54$$

$$(99 + 1) \div 2 = \mathbf{50}$$

6) Answer: D)

$$1^3 + 3^3 = 28$$

$$5^3 + 6^3 = \mathbf{341}$$

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$$4^3 + 3^3 = 91$$

7) Answer: A)

$$6 \times 7 = 42$$

$$5 \times 4 = 20$$

$$9 \times ? = 63$$

$$\Rightarrow ? = 63 \div 9$$

$$\Rightarrow ? = 7$$

8) Answer: B)

$$13 \times 17 = 221$$

$$11 \times 34 = 374$$

$$12 \times 14 = \mathbf{168}$$

9) Answer: A)

$$(2 \times 3) + (3 \times 4) = 6 + 12 = 18$$

$$(6 \times 7) + (5 \times 6) = 42 + 30 = 72$$

$$(1 \times 2) + (2 \times 1) = 2 + 2 = \mathbf{4}$$

10) Answer: B)

$$(30 + 36) \div 2 = 33$$

$$(45 + 15) \div 2 = 30$$

$$(14 + ?) \div 2 = 15$$

$$\Rightarrow 14 + ? = 30$$

$$\Rightarrow ? = 30 - 14$$

$$\Rightarrow ? = \mathbf{16}$$

11) Answer: A)

$$12 + 13 = 25$$

$$14 + 15 = 29$$

$$31 + 42 = \mathbf{73}$$

12) Answer: A)

$$31 + 65 + 43 = 139$$

$$22 + 41 + 76 = 139$$

$$56 + 23 + ? = 139$$

$$\Rightarrow 79 + ? = 139$$

$$\Rightarrow ? = 139 - 79$$

$$\Rightarrow ? = \mathbf{60}$$

13) Answer: D)

$$(48 + 49) - (49 - 48) = 96$$

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$$(32 + 23) - (32 - 23) = 46$$

$$(45 + 78) - (78 - 45) = 90$$

14) Answer: A)

$$5^2, 6^2, 7^2$$

$$8^2, 9^2, 10^2$$

$$11^2, 12^2, 13^2$$

15) Answer: C)

$$12 \times 6 = 72$$

$$45 \times 4 = 180$$

$$35 \times 3 = 105$$

16) Answer: D)

$$1^{\text{st}} \text{ diagram: } 3 + 2 + 7 = 12$$

$$2^{\text{nd}} \text{ diagram: } 5 + 3 + 4 = 12$$

$$3^{\text{rd}} \text{ diagram: } 10 + ? + 1 = 12$$

$$\Rightarrow 11 + ? = 12$$

$$\Rightarrow ? = 12 - 1$$

$$\Rightarrow ? = 1$$

17) Answer: B)

$$1^{\text{st}} \text{ diagram: } (15 + 15) \div 2 = 15$$

$$2^{\text{nd}} \text{ diagram: } (18 + 24) \div 2 = 21$$

$$3^{\text{rd}} \text{ diagram: } (30 + 64) \div 2 = 47$$

18) Answer: A)

Squares of consecutive prime numbers.

$$1^{\text{st}} \text{ diagram: } 2^2, 3^2, 5^2$$

$$2^{\text{nd}} \text{ diagram: } 7^2, 11^2, 13^2$$

$$3^{\text{rd}} \text{ diagram: } 17^2, 23^2, ? = 29^2 = 841$$

19) Answer: C)

$$1^{\text{st}} \text{ diagram: } 12 \times 14 = 168$$

$$2^{\text{nd}} \text{ diagram: } 32 \times 15 = 480$$

$$3^{\text{rd}} \text{ diagram: } 19 \times 17 = 323$$

20) Answer: D)

$$1^{\text{st}} \text{ diagram: } 8 \times 7 = 56$$

$$2^{\text{nd}} \text{ diagram: } 5 \times 7 = 35$$

$$3^{\text{rd}} \text{ diagram: } 3 \times 3 = 9$$

21) Answer: A)

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1st diagram: $(50 + 31) \div 3 = 27$

2nd diagram: $(57 + 33) \div 3 = 30$

3rd diagram: $(45 + 15) \div 3 = 20$

22) Answer: A)

1st diagram: $12 + 11 + 24 + 27 = 74$

2nd diagram: $? + 20 + 19 + 18 = 93$

$\Rightarrow ? = 93 - 57$

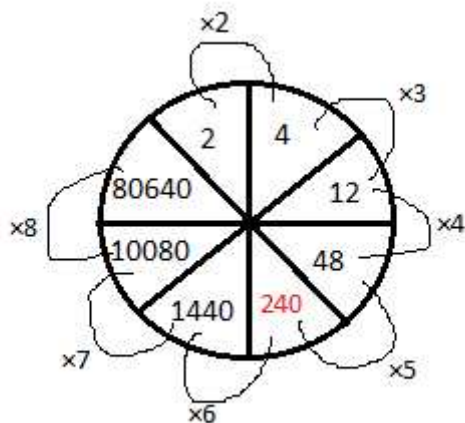
$\Rightarrow ? = 36$

23) Answer: C)

1st diagram: $(12 \times 20) - (14 \times 6) = 240 - 84 = 156$

2nd diagram: $(7 \times 19) - (11 \times 5) = 133 - 55 = 78$

24) Answer: B)



25) Answer: A)

1st diagram: $(90 + 58) - (34 + 57) = 148 - 91 = 57$

2nd diagram: $(77 + 78) - (40 + 12) = 155 - 52 = 103$

26) Answer: C)

1st diagram: $2 \times 5 \times 3 \times 7 = 210$

2nd diagram: $1 \times 10 \times 3 \times 4 = 120$

27) Answer: B)

Pythagorean triplets.

8, 15 and 17 are Pythagorean triplets.

So, the missing number is 15.

28) Answer: B)

1st column: $2^2 + 5^3 = 129$

2nd column: $5^2 + 7^3 = 368$

3rd column: $8^2 + ?^3 = 280$

$\Rightarrow 64 + ?^3 = 280$

$\Rightarrow ?^3 = 280 - 64$

$\Rightarrow ?^3 = 216$

$\Rightarrow ? = 6$

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29) Answer: A)

1st column: $117 - 69 = 48$

2nd column: $89 - 45 = ?$

$\Rightarrow 44 = ?$

3rd column: $221 - 133 = 88$

30) Answer: C)

1st row: $13 \times 34 = 442$

2nd row: $19 \times 4 = 76$

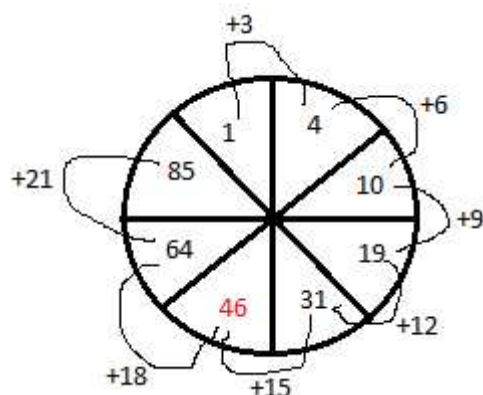
3rd row: $31 \times 56 = 1736$

31) Answer: A)

$(2 \times 5) + (7 \times 9) = 10 + 63 = 73$

$(5 \times 14) + (12 \times 3) = 70 + 36 = 106$

32) Answer: B)



33) Answer: C)

$2 + 3 = 5$

$5 + 5 = 10$

$10 + 7 = 17$

$17 + 9 = 26$

$26 + 11 = 37$

$37 + 13 = 50$

$50 + 15 = 65$

$65 + 17 = 82$

34) Answer: C)

Row 1: $1 \times 5 = 5$ and $5 \times 5 = 25$

Row 3: $7 \times 2 = 14$ and $14 \times 2 = 28$

Row 2: $3 \times 4 = 12$ and **$12 \times 4 = 48$**

35) Answer: D)

Row 1: $51 \div 17 = 3$

Row 2: $135 \div 15 = 9$

Row 3: $70 \div 14 = 5$

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36) Answer: B)

Row 1: $12/4 = 21/7$

Row 2: $10/5 = 4/2$

Row 3: $64/8 = ?/3$

$\Rightarrow 8 = ?/3$

$\Rightarrow 24 = ?$

37) Answer: D)

Row 1: $(7^2 - 1^2) \div 4 = 12$

Row 2: $(5^2 - 3^2) \div 4 = 4$

Row 3: $(9^2 - 7^2) \div 4 = 8$

38) Answer: A)

Row 1: $17 + 29 = 46$

Row 3: $67 + 77 = 144$

Row 2: $34 + 23 = 57$

39) Answer: A)

Column 1: $(3 \times 3) + (15 \times 2) = 9 + 30 = 39$

Column 2: $(5 \times 3) + (8 \times 2) = 15 + 16 = 31$

Column 3: $(19 \times 3) + (7 \times 2) = 57 + 14 = 71$

40) Answer: A)

Column 1: $2^2 + 6^2 + 8^2 = 104$

Column 2: $1^2 + 4^2 + 9^2 = 98$

Column 3: $6^2 + ?^2 + 8^2 = 149$

$\Rightarrow ?^2 = 149 - 100$

$\Rightarrow ?^2 = 49$

$\Rightarrow ? = 7$

41) Answer: D)

$34 + 21 + 43 + 56 = 154$

$? + 20 + 12 + 70 = 180$

$\Rightarrow ? = 180 - 102$

$\Rightarrow ? = 78$

42) Answer: B)

$(21 - 17) \times (5 + 7) \div 2 = 24$

$(67 - 56) \times (12 + 8) \div 2 = 110$

43) Answer: A)

$A + C + E + I = R$

$O + M + D + H = N$

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44) Answer: B)

Column 1: $A = 1$ and $D = 4$

$$1^2 + 4^2 = 17 \text{ and } 17 = Q$$

Column 2: $B = 2$ and $D = 4$

$$2^2 + 4^2 = 20 \text{ and } 20 = T$$

Column 3: $E = 5$ and $C = 3$

$$5^2 + 3^2 = 34 \text{ and } 34 - 26 = 8 = H$$

45) Answer: C)

$$(T + P) - (L + M) = 36 - 25 = 11 = K$$

$$(E + O) - (V + J) = |20 - 32| = 12 = L$$

46) Answer: D)

$$12 + 24 - 20 = 16$$

$$45 + 90 - 20 = 115$$

$$77 + 98 - 20 = 155$$

47) Answer: B)

$$34 \times 6 = 204$$

$$19 \times 17 = 323$$

$$29 \times ? = 319$$

$$\Rightarrow ? = 319 \div 29 = 11$$

48) Answer: A)

$$E \times E = Y$$

$$B \times F = L$$

$$T \times A = T$$

49) Answer: C)

$$(82 + 56) - (56 \div 8) = 131$$

$$(99 + 48) - (48 \div 8) = 141$$

$$(16 + 64) - (64 \div 8) = 72$$

50) Answer: B)

$$5^2 - 4^2 = 3^2$$

$$17^2 - 8^2 = 15^2 = ?$$

$$13^2 - 5^2 = 12^2$$

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Jumbling

Direction (01 – 05): Study the following information carefully and answer the questions given below:

Six persons, Naresh, Kumar, Pankaj, Lankesh, Ramesh and Arya are sitting in a row facing north (not necessarily in the same order). Naresh is sitting to the immediate left of Arya. Ramesh sits second to the left of Kumar. Pankaj sits second to the right of Arya. Pankaj is sitting to the immediate right of Ramesh. Lankesh is sitting to the left of Naresh.

1. Who is sitting to the immediate right of Lankesh?
 - a) Naresh
 - b) Kumar
 - c) Pankaj
 - d) Arya
2. Who sits on extreme left?
 - a) Arya
 - b) Kumar
 - c) Pankaj
 - d) Lankesh
3. If Pankaj and Lankesh change their place among themselves then who will be to the left of Kumar?
 - a) Lankesh
 - b) Arya

c) Naresh

d) none of these

4. Which of the following will be the correct sequence from right to left?

a) Pankaj → Naresh → Arya → Ramesh → Lankesh → Kumar

b) Arya → Ramesh → Lankesh → Kumar → Pankaj → Naresh

c) Kumar → Pankaj → Ramesh → Arya → Naresh → Lankesh

d) None of these

5. Who is sitting between Naresh and Ramesh?

a) Naresh

b) Kumar

c) Pankaj

d) Arya

6. Arrange the following words in a logical and meaningful order.

1. Monkey

2. Elephant

3. Rabbit

4. Mosquito

5. Tiger

a) 3, 4, 1, 5, 2

b) 4, 3, 1, 5, 2

c) 4, 1, 3, 2, 5

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- d) 3, 4, 1, 2, 5
7. Arrange the following words in a logical and meaningful order.
1. Job appointment
 2. Vacancy
 3. Merit list
 4. Application
 5. Written test
- a) 2, 5, 4, 3, 1
b) 3, 2, 4, 1, 5
c) 4, 2, 5, 3, 1
d) 2, 4, 5, 3, 1
8. Arrange the following words in a logical and meaningful order.
1. Results
 2. Polling
 3. Sworn
 4. Nominations
 5. Counting of votes
- a) 4, 2, 5, 1, 3
b) 5, 4, 2, 1, 3
c) 4, 5, 2, 1, 3
d) 5, 2, 4, 1, 3
9. Arrange the following words in a logical and meaningful order.
1. Month
 2. Lustrum
 3. Day
 4. Decade
 5. Year
- a) 2, 1, 5, 3, 4
b) 5, 1, 3, 2, 4
c) 3, 1, 5, 2, 4
d) 5, 4, 3, 2, 1
10. Arrange the following in a logical and meaningful order.
1. Semi-final
 2. Finals match
 3. Quarter final
 4. League match
 5. Winner
- a) 5, 2, 3, 1, 4
b) 4, 1, 2, 3, 5
c) 4, 3, 1, 2, 5
d) 4, 1, 3, 2, 5
11. Arrange the given words in the sequence in which they occur in the dictionary.
1. Blocklipe
 2. Bloddier
 3. Blodpates
 4. Blodpolls
 5. Blockwise
- a) 15234
b) 23154
c) 24315
d) 51234

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12. Arrange the given words in the sequence in which they occur in the dictionary.
- | | |
|------------|---------------|
| 1. Exact | 2. Exotically |
| 3. Exactly | 4. Exacerbate |
| 5. Exhaust | |
| a) 43152 | |
| b) 43251 | |
| c) 53421 | |
| d) 54312 | |
13. Arrange the given words in the sequence in which they occur in the dictionary.
- | | |
|---------------|----------------|
| 1. Cadartifex | 2. Caddisflies |
| 3. Caducity | 4. Caddisworms |
| 5. Cadetships | |
| a) 12453 | |
| b) 12534 | |
| c) 21345 | |
| d) 45213 | |
14. Arrange the given words in the sequence in which they occur in the dictionary.
- | | |
|---------------|------------|
| 1. Feebleness | 2. Former |
| 3. Flooring | 4. Foaming |
| 5. Fluor | |
| a) 13542 | |
| b) 15342 | |
| c) 13524 | |
| d) 15324 | |
15. Arrange the given words in the sequence in which they occur in the dictionary.
- | | |
|-----------|----------|
| 1. Xenon | 2. Xylyl |
| 3. Xant | 4. Xenia |
| 5. Xyster | |
| a) 34125 | |
| b) 34521 | |
| c) 43251 | |
| d) 51342 | |
16. Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.
- | | |
|------------------|----------------|
| 1. Selection | 2. Application |
| 3. Vacancy | 4. Appointment |
| 5. Exam | |
| a) 3, 2, 5, 1, 4 | |
| b) 5, 1, 3, 2, 5 | |
| c) 4, 1, 3, 2, 5 | |
| d) 3, 2, 5, 4, 1 | |
17. Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.
- | | |
|---------------------|-----------|
| 1. Sleep | 2. Hot |
| 3. AC | 4. Summer |
| 5. Cool | 6. Shop |
| a) 4, 2, 6, 3, 5, 1 | |
| b) 4, 3, 6, 2, 1, 5 | |

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c) 6, 3, 2, 1, 4, 5

d) 4, 3, 2, 6, 1, 5

18. Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.

1) ECG

2) Recovery

3) Chest Pain

4) Treatment

5) Hospital

a) 5, 3, 1, 4, 2

b) 3, 5, 1, 4, 2

c) 5, 1, 4, 1, 2

d) 3, 5, 4, 1, 2

19. Select the correct alternative to indicate the arrangement of the following words in a logical and Meaningful order.

1. Injury

2.Recovery

3. Accident

4.Home

5. Ride

6.Bike

a) 6, 4, 3, 5, 1, 2

b) 5, 6, 3, 2, 1, 4

c) 4, 6, 5, 3, 1, 2

d) 4, 6, 5, 3, 2, 1

20. Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.

1) Corona Positive

2) Diagnosis

3) Corona symptoms

4) Corona Negative

5) Quarantine

a) 3, 2, 1, 5, 4

b) 4, 5, 3, 2, 1

c) 3, 2, 5, 1, 4

d) 2, 3, 1, 4, 5

Directions (21 - 25): Study the following information carefully and answer the questions given below:

Six boys Ramesh, Lallan, Banshi, Tarun, Varun and Nilesh are standing in a row facing north (not necessarily in the same order). Two boys stand between Ramesh and Nilesh. Tarun is standing to the immediate left of Ramesh. Lallan stands second to the left of Banshi. Varun stands third to the right of Banshi.

21. Who is standing to the right of Ramesh?

a) Lallan

b) Varun

c) Tarun

d) Banshi

22. Who stands between Lallan and Nilesh?

a) Ramesh

b) Varun

c) Tarun

d) none of these

23. Which of the following is odd according to the given information?

a) Lallan - Nilesh

b) Ramesh - Varun

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- c) Tarun - Ramesh
d) Banshi – Lallan
24. Who is second to the right of Banshi?
a) Ramesh
b) Tarun
c) Varun
d) Nilesh
25. Arrange following letters in correct order to make a meaningful word.
Y A R P T
1 2 3 4 5
a) 5, 3, 1, 4, 2
b) 4, 2, 3, 5, 1
c) 5, 1, 4, 1, 2
d) 3, 5, 4, 1, 2
26. Arrange following letters in correct order to make a meaningful word.
I O L G C
1 2 3 4 5
a) 3, 2, 4, 1, 5
b) 4, 5, 3, 2, 1
c) 3, 2, 5, 1, 4
d) 2, 3, 1, 4, 5
27. Arrange following letters in correct order to make a meaningful word.
L I F A N
1 2 3 4 5

- a) 2, 1, 5, 3, 4
b) 5, 1, 3, 2, 4
c) 3, 1, 5, 2, 4
d) 3, 2, 5, 4, 1
28. Arrange following letters in correct order to make a meaningful word.
Y O E M K N
1 2 3 4 5 6
a) 4, 2, 6, 5, 3, 1
b) 4, 2, 3, 5, 1, 6
c) 5, 1, 4, 6, 1, 2
d) 6, 3, 5, 4, 1, 2
29. Arrange following letters in correct order to make a meaningful word.
D V I A C E
1 2 3 4 5 6
a) 6, 4, 3, 5, 1, 2
b) 5, 6, 3, 2, 1, 4
c) 4, 1, 2, 3, 5, 6
d) 4, 6, 5, 3, 2, 1
30. Arrange following letters in correct order to make a meaningful word.
U O C R S E
1 2 3 4 5 6
a) 4, 2, 6, 5, 3, 1
b) 4, 2, 3, 5, 1, 6
c) 5, 1, 4, 6, 1, 2

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d) 3, 2, 1, 4, 5, 6

Directions (31 - 34): Study the following information carefully and answer the questions given below:

Six friends - Chaman, Eddie, Ganesh, Ish, Kumar and Mukesh are sitting around a circular table facing the center (not necessarily in the same order). Eddie is second to the right of Chaman. Kumar is immediately to the right of Ganesh. Ganesh and Ish are facing each other.

31. How many friends are sitting between Ish and Mukesh, moving from the left of Ish?

- a) 3
- b) 1
- c) 0
- d) 2

32. Who among the following sits to the immediate left of Chaman?

- a) Kumar
- b) ish
- c) Mukesh
- d) Ganesh

33. Who among the following sits between Eddie and Chaman?

- a) Kumar
- b) ish
- c) Mukesh
- d) Ganesh

34. How many people are sitting between Chaman and Eddie, from right of Chaman?

- a) 3
- b) 1
- c) 0
- d) 2

Directions (35 - 38): Study the following information carefully and answer the questions given below:

Five films Tamasha, Rockstar, Jab We Met, Highway and Love Aaj Kal (not necessarily in the same order) are screened from Monday to Friday. Only one film is screened in a day. Each film is screened only once. The film Tamasha is screened on Monday. Two films are screened between Highway and Love Aaj Kal. Rockstar is performed exactly one day after Love Aaj Kal.

35. Which film is released on Wednesday?

- a) Rockstar
- b) Jab We Met
- c) highway
- d) Love Aaj Kal

36. Which movie is featured before the highway?

- a) Rockstar
- b) Love Aaj Kal
- c) spectacle
- d) Jab We Met

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37. How many movies are screened between Tamasha and Highway?

- a) 3
- b) 1
- c) 0
- d) 2

38. On which day is 'Love Aaj Kal' screened?

- a) Monday
- b) Tuesday
- c) Wednesday
- d) Thursday

Directions (39 - 42): Study the following information carefully and answer the questions given below:

Six friends Aman, Baman, Chaman, Dinesh, Paresh and Mukesh are standing in a row facing north. Baman stands right in the middle of Mukesh and Dinesh. Paresh is standing exactly between Aman and Chaman. Aman is not a neighbor of Dinesh and Mukesh. Chaman is not a neighbor of Dinesh, but is to the immediate right of Mukesh.

39. Chaman stands between which of the following?

- a) Aman and Paresh
- b) Dinesh and Mukesh
- c) Paresh and Mukesh
- d) Paresh and Baman

40. Who is on extreme left?

- a) Aman
- b) Paresh
- c) Dinesh
- d) Baman

41. If Dinesh and Chaman change their place among themselves then who will be on the right of Chaman?

- a) Aman
- b) Paresh
- c) Dinesh
- d) Baman

42. Who is sitting between Mukesh and Aman?

- a) Chaman and Paresh
- b) Dinesh and Mukesh
- c) Paresh and Mukesh
- d) Paresh and Baman

Directions (43 - 44): Study the following information carefully and answer the questions given below:

The five teachers, Himesh, Karan, Paresh, Ramesh and Tarun, are sitting around a circular table facing the center (not necessarily in the same order). Tarun is between Himesh and Ramesh. Paresh is second to the right of Ramesh. Himesh is just to the left of Tarun.

43. Who is sitting to the immediate left of Karan?

- a) Tarun
- b) Himesh

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- c) Paresh
d) Ramesh
44. Who is sitting between Himesh and Karan from left side of Himesh?
a) Paresh
b) Tarun
c) Ramesh
d) none of these
45. How many people are there between Tarun and Paresh from right of Tarun?
a) 0
b) 1
c) 2
d) 3
46. Five persons Ramesh, Suresh, Mahesh, Dinesh and Mukesh are sitting around a circular table facing the center (not necessarily in the same order). Dinesh sits third to the left of Suresh. Mahesh and Ramesh are immediate neighbors of Suresh. Mukesh is to the immediate left of Mahesh.
Who sits third to the right of Ramesh?
a) Suresh
b) Dinesh
c) Mukesh
d) Mahesh
47. Six men Aman, Bikas, Chaman, Deepak, Elvin and Feroz (all are facing toward centre of circle) are standing in a circle. Bikas is between Feroze and Chaman. Aman is between Elvin and Deepak. Feroze is to the left of Deepak. Who is between Bikas and Deepak?
a) Elvin
b) Chaman
c) Firoz
d) Aman
48. Five subjects Reasoning, Math, GK, Science and English (not necessarily in the same order) are taught from Monday to Friday. Only one subject is taught in a day. Only English is taught before reasoning. Math is taught before science. Math is not taught on Wednesdays. How many subjects are taught before GK?
a) 1
b) 3
c) 0
d) 2
49. There are five cinema halls in a building - hall 1, hall 2, hall 3, hall 4 and hall 5 they are on top of each other. Hall 1 is at the bottom, Hall 2 is above it and so is it upwards. In these given halls, five films are shown like Thappad, Gunjan

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Saxena, Panga, Shakuntala Devi and Lakshmi Bomb. Only one film is shown in a special cinema hall. Each film is shown only once. The film Lakshmi Bomb is shown in an even numbered hall. The film Gunjan Saxena is shown in Hall 1. The film Thappad is shown in the hall just below Lakshmi Bomb. The film Shakuntala Devi is not shown in even numbered halls.

Which of the following statements is not correct about the film Panga?

- a) Panga is shown in the hall just below the Thappad.
- b) Panga is shown in odd numbered halls.
- c) Gunjan Saxena is shown in the hall just below Panga.

d) Panga is shown in even numbered halls.

50. Five subjects Physics, Chemistry, Hindi, English and Math (not necessarily in the same order) are taught from Monday to Friday. One day a subject is taught. Only Math is taught before Physics. Chemistry is taught before English. Chemistry is not taught on Wednesdays.

Which of the following pairs of subjects is taught after Hindi?

- a) English, Physics
- b) Chemistry, Math
- c) Physics, Chemistry
- d) Chemistry, English

Jumbling – Answer and Explanation

1) Answer: (A)

According to the question,

Lankesh → Naresh → Arya → Ramesh → Pankaj → Kumar

Naresh is Right of Lankesh.

2) Answer: (D)

According to the question,

Lankesh → Naresh → Arya → Ramesh → Pankaj → Kumar

Lankesh is on extreme left.

3) Answer: (A):

According to the question,

After exchange place, Lankesh sits to the left of Kumar.

4) Answer: (C):

According to the question,

The seating order of all is as follows (left to right)

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Lankesh → Naresh → Arya → Ramesh →
Pankaj → Kumar

This sequence from right to left will be as follows.

Kumar → Pankaj → Ramesh → Arya → Naresh
→ Lankesh

5) Answer: (D):

According to the question,

Lankesh → Naresh → Arya → Ramesh →
Pankaj → Kumar

It is clear from the above arrangement that Arya is sitting between Naresh and Ramesh.

6) Answer :(B):

Meaningful order is

4. Mosquito

3. Rabbit

1. Monkey

5. Tiger

2. Elephant

7) Answer: (D):

Meaningful order is

2) Vacancy

4) Application

5) Written test

3) Merit list

1) Job appointment

8) Answer: (A):

Meaningful order is

4) Nominations

2) Polling

5) Counting of votes

1) Results

3) Sworn

9) Answer :(C):

3) Day

1) Month

5) Year

2) Lustrum

4) Decade

Correct answer is 3, 1, 5, 2, 4

10) Answer :(C):

4. League match

3. Quarter final

1. Semi-final

2. Finals match

5. Winner

11) Answer: (A)

Dictionary order of the given words:

1. Blocklipe

5. Blockwise

2. Bloddier

3. Blodpates

4. Blodpolls

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Clearly, the sequence for the given words occur in the dictionary is “15234”.

12) Answer :(A):

4. Exacerbate
3. Exactly
1. Exact
5. Exhaust
2. Exotically

Hence, correct dictionary order is 43152.

13) Answer:: (A)

1. Cadartifex
2. Caddisflies
4. Caddisworms
5. Cadetships
3. Caducity

Hence, correct sequence is 12453.

14) Answer: (A):

Dictionary order of the given words:

1. Feebleness
3. Flooring
5. Fluor
4. Foaming
2. Former

Clearly, the sequence for the given words ad per dictionary is ‘13542’.

15) Answer: (A):

The sequence in the order of dictionary is as follows.

3. Xant
4. Xenia
1. Xenon
2. Xylyl
5. Xyster

Thus, the order is 34125.

16) Answer: (A)

The correct logical order is:

Vacancy → Application → Exam → Selection → Appointment

Hence, 3, 2, 5, 1, 4 is the correct answer.

17) Answer: (A)

The correct logical order is :

Summer → Hot → Shop → AC → Cool → Sleep

Hence the correct answer is 4, 2, 6, 3, 5, 1.

18) Answer: b)

Chest Pain → Hospital → ECG → Treatment → Recovery

Hence, the correct answer is 3, 5, 1, 4, 2.

19) Answer: c)

Home → Bike → Ride → Accident → Injury → Recovery

Hence, the correct answer is 4, 6, 5, 3, 1, 2.

20) Answer: (A)

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The correct logical sequence is Corona symptoms
→ Diagnosis → Corona Positive → Quarantine
→ Corona Negative

Hence, the correct answer is 3, 2, 1, 5, 4.

21) Answer: (B):

Lallan Nilesh Banshi Tarun Ramesh Varun



Apparently, Varun is standing to the right of Ramesh.

22) Answer: (D):

Lallan Nilesh Banshi Tarun Ramesh Varun



Clearly, Lallan and Nilesh are standing next to each other, meaning there is no one between them.

23) Answer: (D):

Lallan Nilesh Banshi Tarun Ramesh Varun



It is clear, Banshee and Lallan are odd. All remaining pairs are neighbours.

24) Answer: (A)

Ramesh is at second place to the right of Banshi.

25) Answer: (B)

The correct sequence is 4, 2, 3, 5, 1 to make word PARTY.

26) Answer: (A)

The correct sequence is 3, 2, 4, 1, 5 to make word LOGIC.

27) Answer: (D)

The correct sequence is 3, 2, 5, 4, 1 to make word FINAL.

28) Answer: (A)

The correct sequence is 4, 2, 6, 5, 3, 1 to make word MONKEY.

29) Answer: (c)

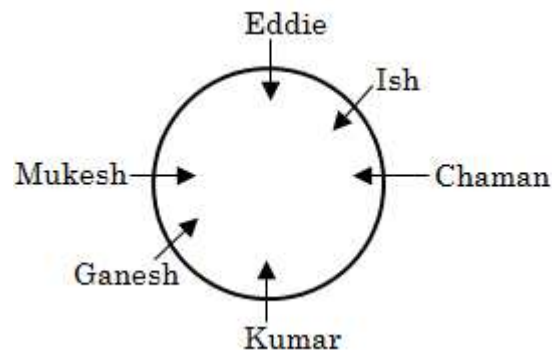
The correct sequence is 4, 1, 2, 3, 5, 6 to make word ADVICE.

30) Answer: (D)

The correct sequence is 3, 2, 1, 4, 5, 6 to make word COURSE.

31) Answer: (A):

According to the question,

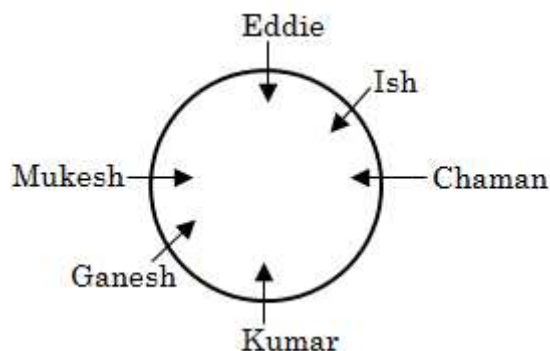


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Three friends Chaman, Kumar and Ganesh are sitting in the middle of Ish and Mukesh, walking from the left of Ish.

32) Answer: (A):

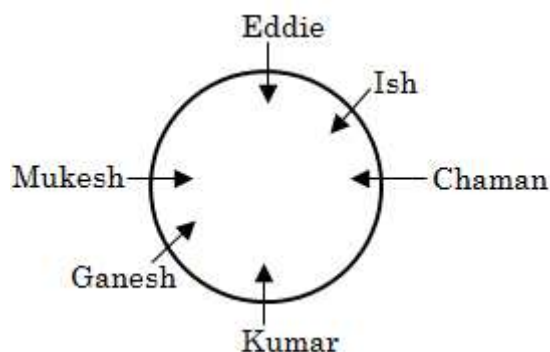
According to the question,



Kumar is sitting to the immediate left of Chaman.

33) Answer: (B):

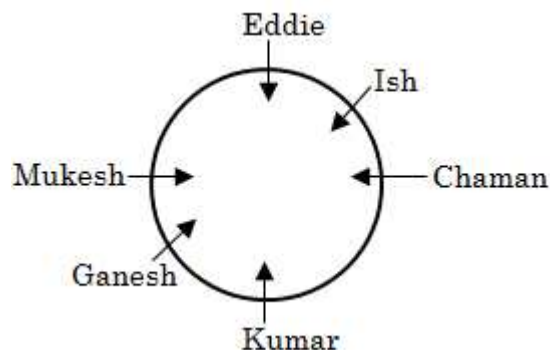
According to the question,



Ish is sitting between Eddie and Chaman.

34) Answer: (B):

According to the question,



From the right Chaman, there is only Ish between Chaman and Eddie.

35) Answer: (A):

Monday	Tamasha
Tuesday	Love aaj kal
Wednesday	Rockstar
Thursday	Jab We Met
Friday	Highway

Clearly, Rockstar movie is displayed on Wednesday.

36) Answer: (D):

Monday	Tamasha
Tuesday	Love aaj kal
Wednesday	Rockstar
Thursday	Jab We Met

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Friday	Highway
--------	---------

Clearly, Jab we met displayed before the highway.

37) Answer: (A):

Monday	Tamasha
Tuesday	Love aaj kal
Wednesday	Rockstar
Thursday	Jab We Met
Friday	Highway

Apparently, three films are screened between Tamasha and Highway.

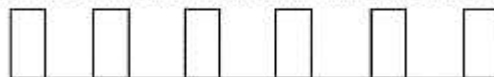
38) Answer: (B):

Monday	Tamasha
Tuesday	Love aaj kal
Wednesday	Rockstar
Thursday	Jab We Met
Friday	Highway

Apparently, 'Love Aaj Kal' is screened on Tuesday.

39) Answer: (C):

Dinesh Baman Mukesh Chaman Paresh Aman

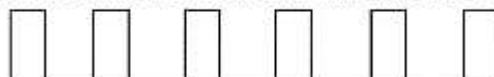


Chaman stands between Mukesh and Paresh.

40) Answer: (C):

According to the question,

Dinesh Baman Mukesh Chaman Paresh Aman

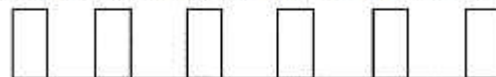


Dinesh is on the extreme left.

41) Answer: (D):

After the transfer,

Chaman Baman Mukesh Dinesh Paresh Aman

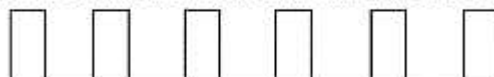


Clearly, there will be Baman on the right hand side of Chaman.

42) Answer: (A):

According to the question,

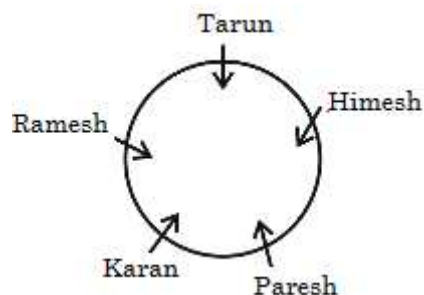
Dinesh Baman Mukesh Chaman Paresh Aman



Clearly, there is Chaman and Paresh between Mukesh and Aman.

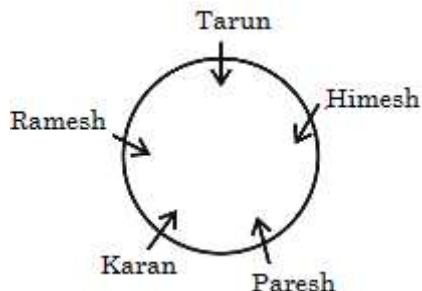
43) Answer: (D):

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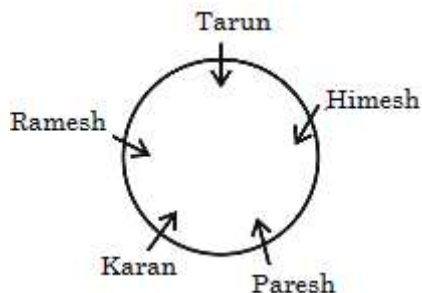
Ramesh is on Left of Karan.

44) Answer: (A):



Paresh is sitting between Himesh and Karan from Himesh's left side.

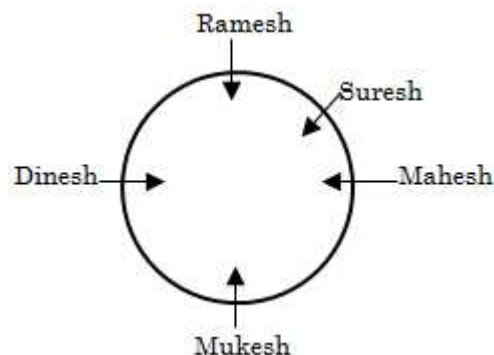
45) Answer: (C):



Ramesh and Karan are the two people between Tarun and Paresh from right of Tarun.

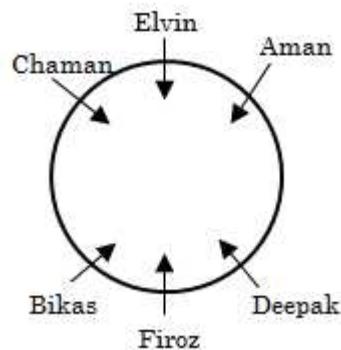
46) Answer: (D):

According to the question



Mahesh is sitting third to the right of Ramesh

47) Answer: (C)



Clearly, Firoz is between Bikas and Deepak.

48) Answer:(D):

According to the question

Day	Subject
Monday	English
Tuesday	Reasoning
Wednesday	GK
Thursday	Math
Friday	Science

49) Answer:(B):

According to the question,

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5 - Shakuntala Devi

4 - Lakshmi Bomb

3 – Thappad

2 - Panga

1 - Gunjan Saxena

Option 'B' is not correct about movie 'Panga'.

50) Answer:(D):

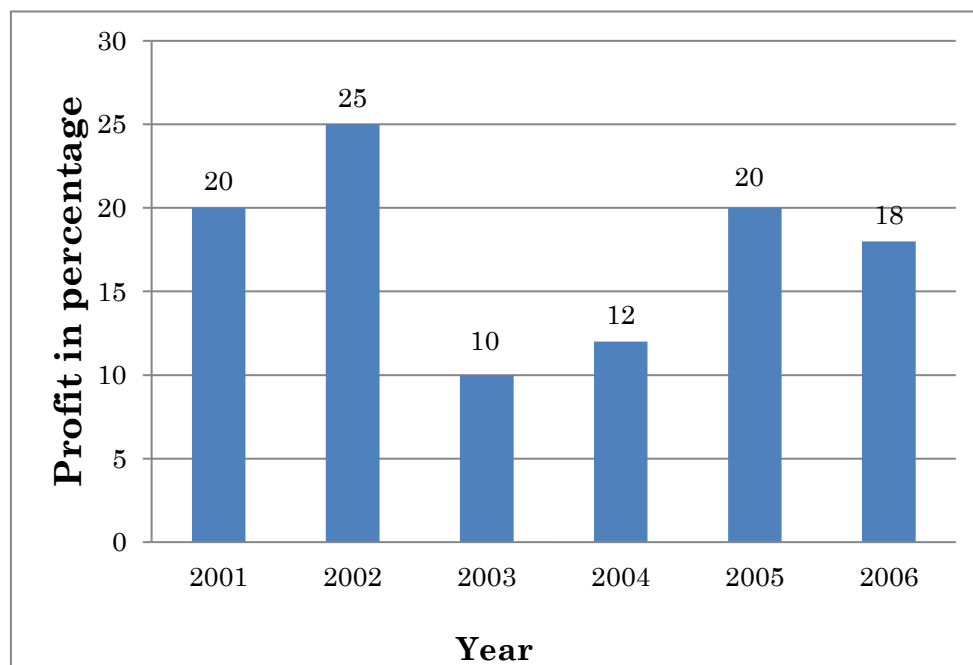
Day	Subject
-----	---------

Monday	Math
Tuesday	Physics
Wednesday	Hindi
Thursday	Chemistry
Friday	English

Chemistry, English subject pair is taught after Hindi.

Interpretation of Graphs

Direction: (01 – 04) The bar graph given below shows profit of a shopkeeper in 6 consecutive years.



01. If the expenditure in year 2002 is Rs. 80000,

then what is the revenue (in Rs) in that year?

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- a) 100000
- b) 70000
- c) 60000
- d) 82000

02. If the revenue in year 2005 is Rs. 48000, then what is the expenditure (in Rs.) in that year?

- a) 33000
- b) 40000
- c) 32000
- d) 48000

03. The expenditure of 2001 and 2004 is Rs. 20000 and Rs. 30000 respectively. What is the total

profit (in Rs.) of 2001 and 2004?

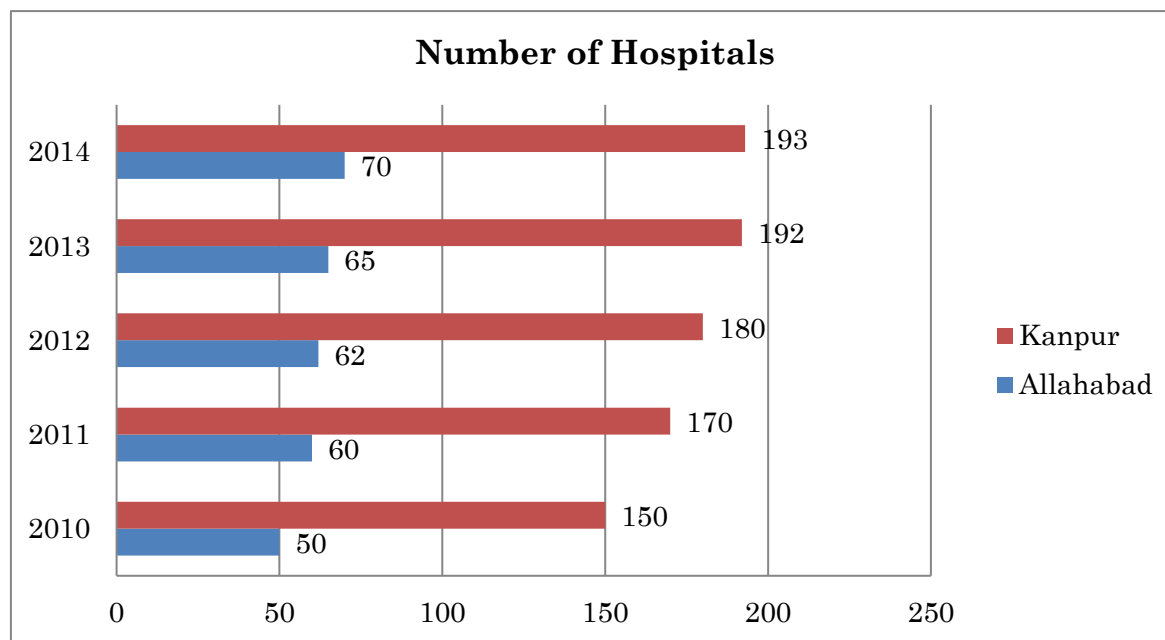
- a) 6800
- b) 6500
- c) 7600
- d) 9500

04. The expenditure of 2003 and 2006 is Rs. 50000 and Rs 100000 respectively. What is the average revenue (in Rs.) for these 2 years?

- a) 48000
- b) 56000
- c) 52000
- d) 86500

Directions: (05–08): The bar graph given below shows the number of hospitals in Kanpur and Allahabad for given 5 years?

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05. In year 2010, number of hospitals in Kanpur is how much percent more than number of hospitals on Allahabad?

- a) 150
- b) 200
- c) 250
- d) 300

06. What is the total number of hospitals in Allahabad from year 2010 to 2014?

- a) 288
- b) 339
- c) 388
- d) 307

07. What is the average number of hospitals in Kanpur for given 5 years?

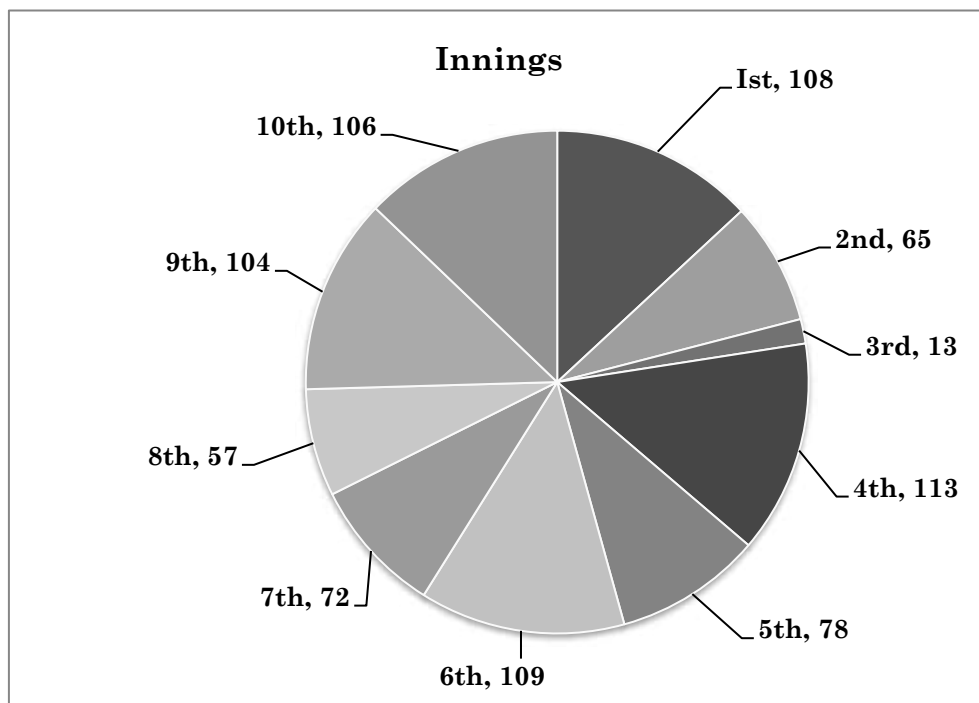
- a) 165
- b) 188
- c) 177
- d) 125

08. In Kanpur, number of hospitals in year 2012 is what percent of number hospitals in year 2010?

- a) 120
- b) 122
- c) 135
- d) 145

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Direction (09–12) : The pie chart given below shows the runs scored by a batsman in 10 different innings.



09. In how many innings has the batsman scored more than the average runs?

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

10. Runs scored in inning 1 is what percent of runs scored in inning 5?

- a) 131.29%
- b) 138.46%
- c) 126.17%

d) 142.93%

11. What are the average runs per innings?

- a) 78.5
- b) 82.5
- c) 80.6
- d) 85

12. The runs of first 5 innings are added and the value is called S1. The runs of last 5 innings are added and the value is called S2. What is the value of S2–S1?

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a) 67

b) 68

c) 73

d) 71

Directions (13–16): The table given below shows the selling price (in Rs./kg) of 4 different items at 5 different shops.

	Selling Price (in Rs/kg)				
Item	Shop1	Shop 2	Shop 3	Shop 4	Shop 5
P	20	24	28	22	26
Q	42	20	44	42	42
R	36	24	28	30	34
S	40	40	38	38	40

13. If a customer purchases 2 kg quantity of each item from Shop 2, then what is the total selling price (in Rs.)?

a) 256

b) 254

c) 250

d) 288

14. If a customer purchases 3 kg quantity of item P from each Shop, then what is the total selling price (in Rs.)?

a) 280

b) 240

c) 360

d) 320

15. What is the average selling price (in Rs/kg) of item R?

a) 33.16

b) 30.40

c) 28.32

d) 39.40

16. If one kg of each item is purchased from each

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shop, then which shop will have the least total selling price?

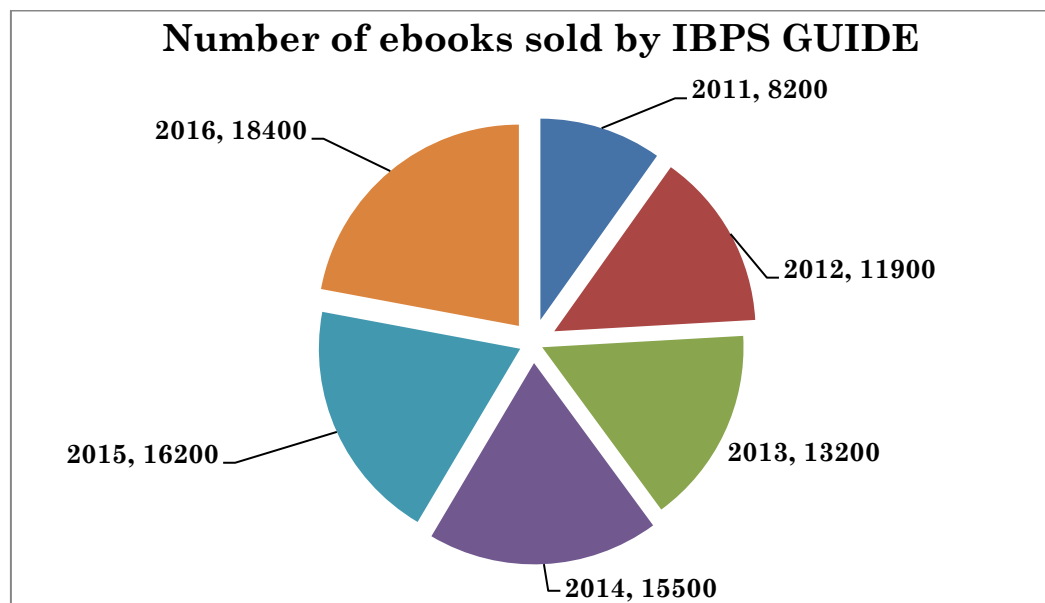
a) Shop 1

b) Shop 4

c) Shop 2

d) None of these

Direction (17–20): The pie chart below shows the number of EBooks sold by IBPS GUIDE over 6 consecutive years.



17. What is the average number of EBooks sold each year?

- a) 12200
- b) 13900
- c) 15500
- d) 13400

18. As compared to previous year, which year shows the maximum increase in number of

eBooks sold?

- a) 2011
- b) 2012
- c) 2013
- d) None of these

19. Number of eBooks sold in 2016 are how much percent more than number of eBooks sold in 2011?

- a) 124.4

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- b) 122.8
- c) 145.2
- d) 108.3

percent of number of eBooks sold in 2015?

- a) 70.26
- b) 72.66
- c) 75.18
- d) 73.45

20. Number of eBooks sold in 2012 are what

Direction (21–24) The table below shows the sales of different books in 4 different cities.

Town	Math	Reasoning	English	Hindi
Ahmedabad	4300	3100	4000	6000
Bangalore	4500	3300	3900	6300
Chennai	4800	2600	4200	5600
Delhi	4700	3200	3600	5700

21. What is the average number of books sold in Ahmedabad?

- a) 4500
- b) 4350
- c) 4200
- d) 4800

22. Which city has the lowest sales of which book?

- a) Reasoning in Ahmedabad
- b) Math in Ahmedabad
- c) Reasoning in Chennai
- d) Math in Bangalore

23. Which city has the highest sales of both Mathematics and Reasoning books?

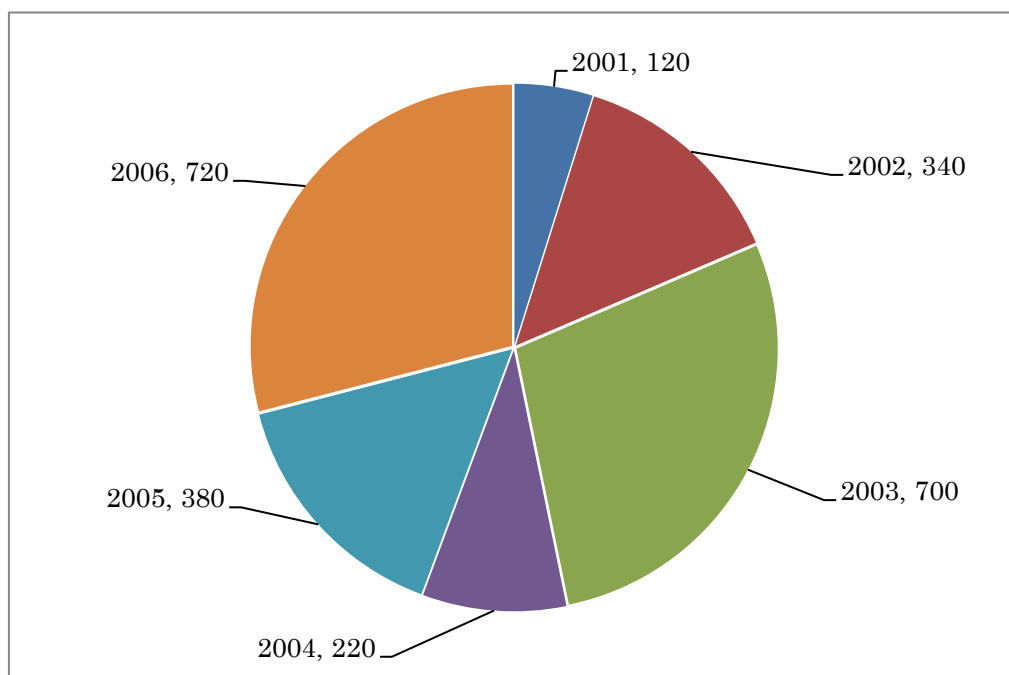
- a) Ahmedabad
- b) Bangalore
- c) Chennai
- d) Delhi

24. What will be the sale of Hindi book in all cities?

- a) 23600
- b) 35700
- c) 27600
- d) 22800

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Direction (25–28) The following pie chart shows mathematics book sales (in 000) between 2001 and 2006.



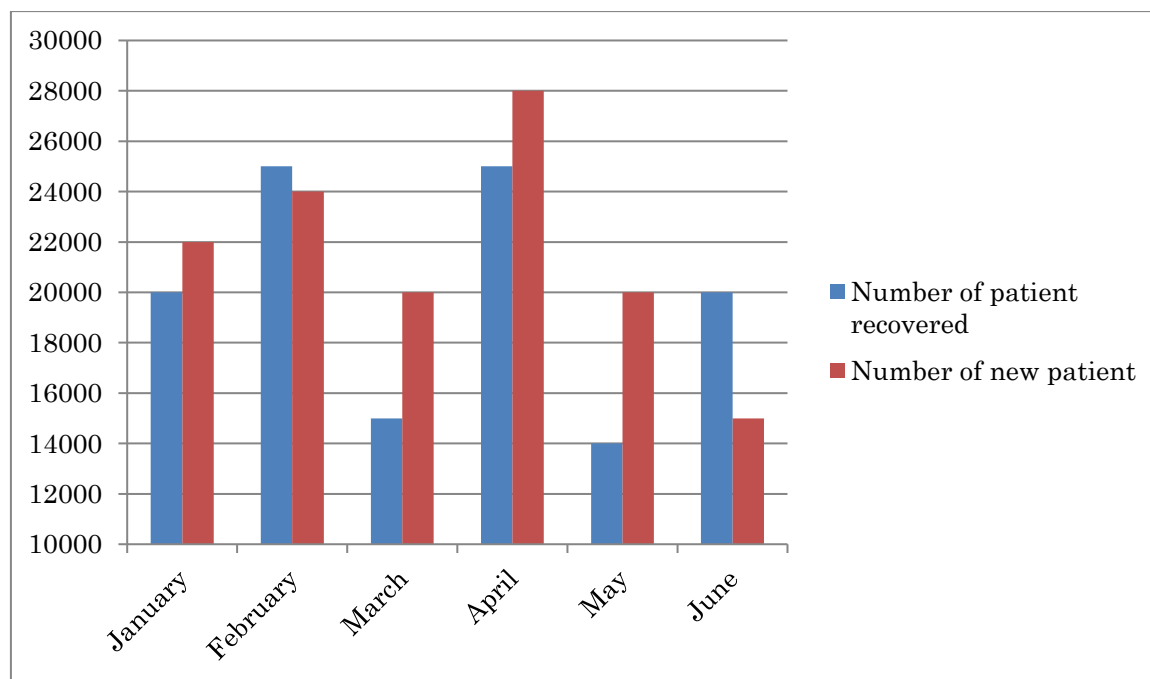
25. What is the average sale (in 000) of the book of mathematics in the given years?
- a) 241.12
b) 542.25
c) 413.33
d) 477.25
26. What is the percentage increase in sales of Mathematics book in the year 2002 as compared to the year 2001?
- a) 180.25
b) 183.33
c) 245.45
d) 185.33
27. In how many years did the sales of the book of mathematics exceed the average sales of the book of mathematics in the given years?
- a) 1
b) 3
c) 5
d) 2
28. Sale of math book in the year 2005 is what percent of sale in year 2002?

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- a) 111.33
- b) 107.07

- c) 111.76
- d) 144.37

Direction (29–32): The given bar graph shows the number of patients recovering from corona and new patient in the US in 2020.



29. What was the percentage change in the number of new patients from March to April 2020?

- a) 22
- b) 40
- c) 45
- d) 49

30. What is the maximum difference between the number of new patients and the number of

cured patients in a given month?

- a) 3000
- b) 6000
- c) 7000
- d) 5000

31. What is the total number of new patients and cured patients in the month of April?

- a) 28000

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b) 53000

c) 45000

d) 52000

32. What is the average number of new corona patients from February to May?

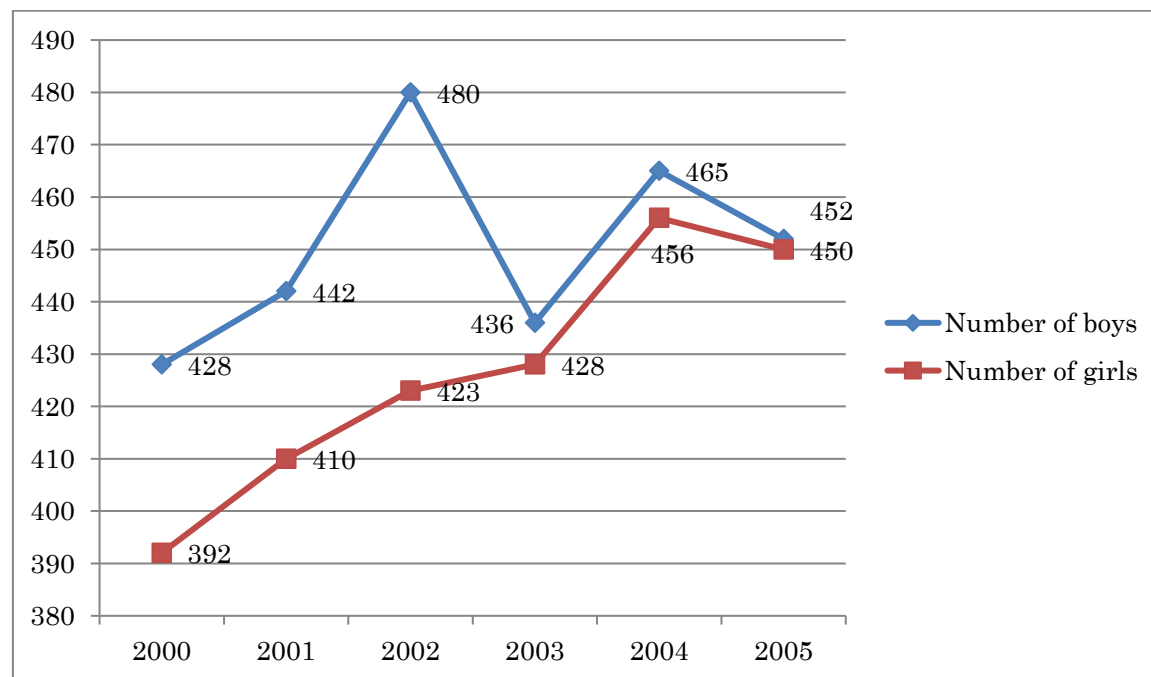
a) 21000

b) 19000

c) 23000

d) 20000

Direction (33–36): The line graph below shows the number of boys and girls who have passed the RRB NTPC exam for different years.



33. What is the average difference between the number of boys and girls passed in a given year?

a) 24

b) 27

c) 96

d) 144

34. In which year is the difference between passed number of boys and the number of girls maximum?

a) 2000

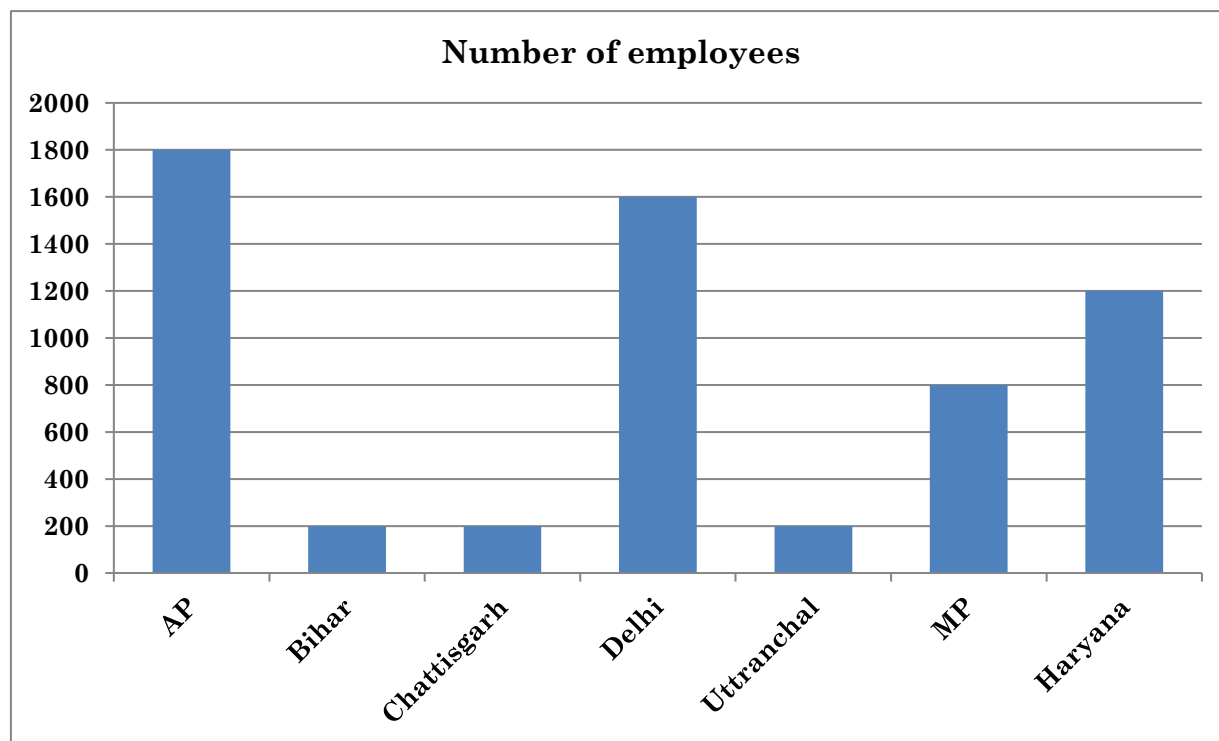
b) 2002

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- c) 2004
d) 2005
35. How many students passed in the year 2005?
- a) 889
b) 902
c) 810
d) 920

36. In how many years, the number of boys passed was less than the average number of girls passed?
- a) 0
b) 2
c) 3
d) 4

Direction (37–40): The given bar graph shows the number of employees of different states working in Ordnance Factory, Kanpur.



37. The most number of employees are from which state?
- a) Uttaranchal

- b) Chhattisgarh
c) Delhi
d) AP

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38. What is the total number of employees of Ordnance Factory, Kanpur?

- a) 4000 b) 6000 c) 5000 d) 3000

39. What is the difference between number of employees from Madhya Pradesh and Delhi?

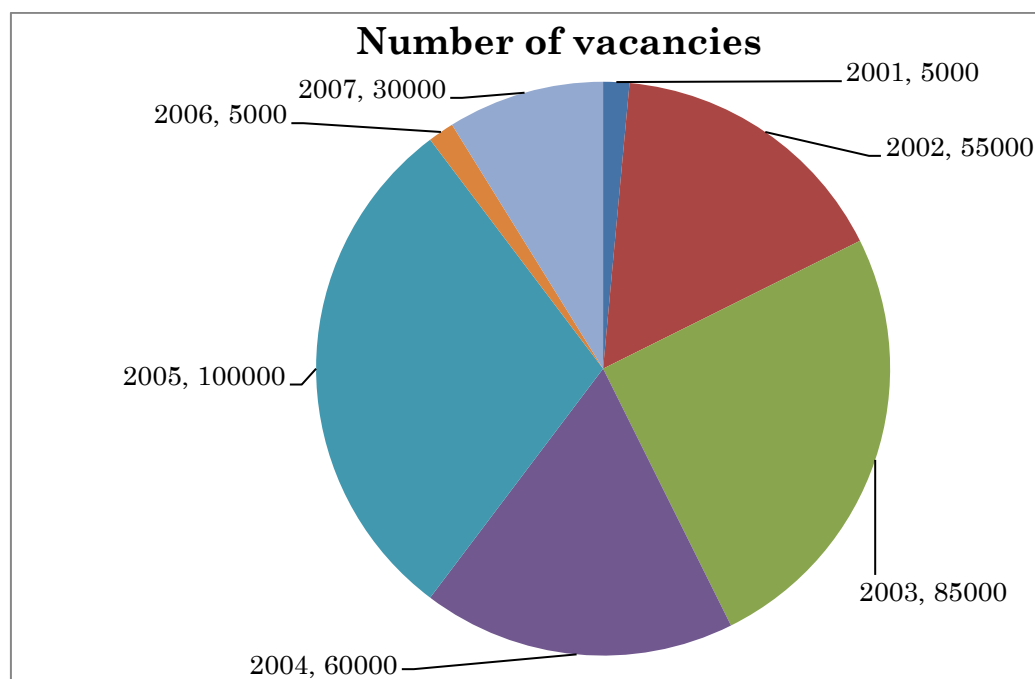
- a) 480
b) 800
c) 600

d) 560

40. If the average monthly salary of the employees of Ordnance Factory, Kanpur is 60000 then what is the total of the salaries paid to all the employees?

- a) 36000000
b) 1.8×10^8
c) 3.6×10^8
d) 18×10^8

Direction (41–45) The pie chart shows the number of vacancies of RRB NTPC in various years. Study the chart and answer the following questions.

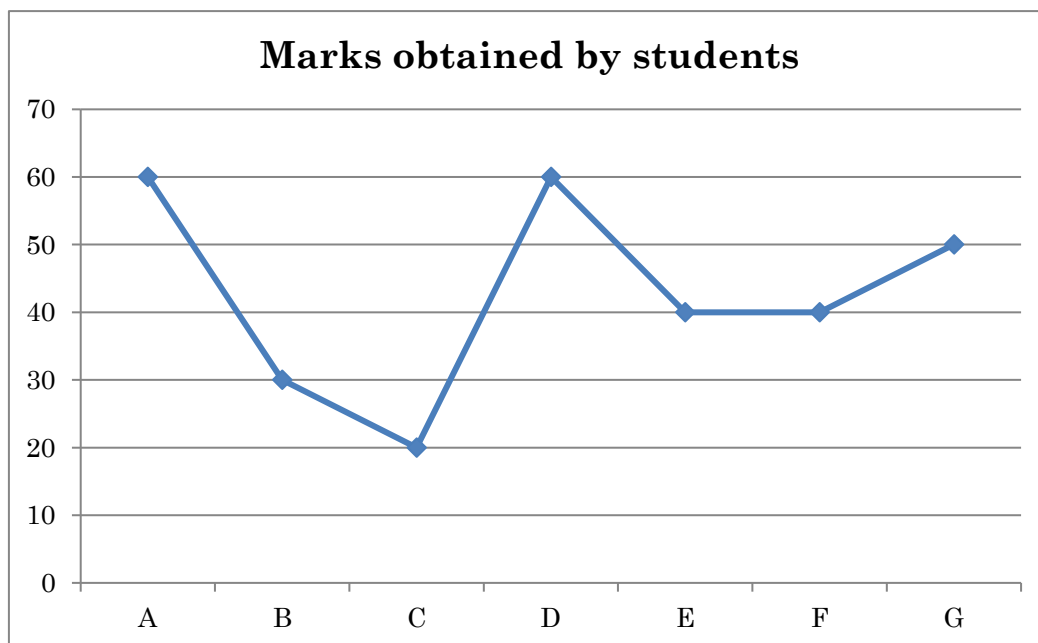


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- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>41. What is the central angle of vacancies of RRB NTPC in 2005?</p> <p>a) 109°
b) 105.88°
c) 107.88°
d) 115°</p> <p>42. In which year were the number of vacancies of RRB NTPC was most less than the previous year?</p> <p>a) 2005
b) 2002
c) 2006
d) 2003</p> <p>43. What was the difference in the number of vacancies of RRB NTPC between the years 2005 and 2002?</p> <p>a) 45000</p> | <p>b) 33000
c) 49000
d) 44000</p> <p>44. The number of vacancies of RRB NTPC in 2004 was greater than that in 2007 by _____.</p> <p>a) 106.33%
b) 150%
c) 205%
d) 100%</p> <p>45. The salary of a RRB NTPC employee is Rs. 20,000 per month, then what was the monthly expense on salaries of new employees in 2005?</p> <p>a) 25×10^8
b) 15×10^8
c) 20×10^8
d) 10×10^8</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Direction (46–50) The line graph below shows the marks of 7 students in an examination. Read the following article carefully and answer the following questions.

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46. According to line graph, which student got the lowest marks?
- a) C
 - b) A
 - c) B
 - d) D
47. What is the total sum of marks of all seven students?
- a) 300
 - b) 360
 - c) 350
 - d) 340
48. According to line graph, which student got the highest marks?
- a) C and B
 - b) A and D
 - c) B and C
 - d) D and E
49. If 40% marks of all are deducted then how many marks of C will be deducted?
- a) 8
 - b) 10
 - c) 12
 - d) 4
50. If C's score is 30%, then what will A's score be?
- a) 60%
 - b) 90%
 - c) 100%
 - d) 80%

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Interpretation of Graphs – Answer and Explanation

1) Answer: A

From the bar graph

Profit percentage in 2002 = 25%

Expenditure = Rs. 80000

Profit percentage

$$= [(Revenue - Expenditure)/Expenditure] \times 100$$

$$25 = [(Revenue - 80000)/80000] \times 100$$

$$\Rightarrow Revenue - 80000 = 25 \times 800$$

$$\Rightarrow Revenue = 20000 + 80000$$

$$\Rightarrow Revenue = 100000$$

2) Answer: B

From the bar graph

Profit percentage in 2005 = 20%

Revenue = Rs. 48000

Profit percentage

$$= [(Revenue - Expenditure)/Expenditure] \times 100$$

$$20 = [(48000 - Expenditure)/Expenditure] \times 100$$

$$0.20 \times Expenditure = 48000 - Expenditure$$

$$\Rightarrow 1.20 \times Expenditure = 48000$$

$$\Rightarrow Expenditure = 48000/1.20 = 40000$$

3) Answer: C

From the bar graph

In the year 2001

Profit percentage = 20%

Expenditure = Rs. 20000

$$Profit\ percentage = [(Profit)/Expenditure] \times 100$$

$$20 = [(Profit)/20000] \times 100$$

$$\Rightarrow Profit = 20 \times 200$$

$$\Rightarrow Profit = 4000$$

From the bar graph

In the year 2004

Profit percentage = 12%

Expenditure = Rs. 30000

$$Profit\ percentage = [(Profit)/Expenditure] \times 100$$

$$12 = [(Profit)/30000] \times 100$$

$$\Rightarrow Profit = 12 \times 300$$

$$\Rightarrow Profit = 3600$$

\therefore Total profit (in Rs) of 2001 and 2004 = Rs.

$$4000 + Rs. 3600 = Rs. 7600$$

4) Answer: D

From the bar graph

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In the year 2003

Profit percentage = 10%

Expenditure = Rs. 50000

Profit percentage = $\frac{[(\text{Revenue} - \text{Expenditure})/\text{Expenditure}] \times 100}{100}$

$$10 = \frac{[(\text{Revenue} - 50000)/50000] \times 100}{100}$$

$$\Rightarrow \text{Revenue} - 50000 = 10 \times 500$$

$$\Rightarrow \text{Revenue} = 5000 + 50000$$

$$\Rightarrow \text{Revenue} = 55000$$

From the bar graph

In the year 2006

Profit percentage = 18%

Expenditure = Rs. 100000

Profit percentage = $\frac{[(\text{Revenue} - \text{Expenditure})/\text{Expenditure}] \times 100}{100}$

$$18 = \frac{[(\text{Revenue} - 100000)/100000] \times 100}{100}$$

$$\Rightarrow \text{Revenue} - 100000 = 18 \times 1000$$

$$\Rightarrow \text{Revenue} = 18000 + 100000$$

$$\Rightarrow \text{Revenue} = 118000$$

\therefore Average revenue

$$= \frac{(55000 + 118000)}{2}$$

$$= 86500$$

5) Answer: B

In 2010, hospital in Kanpur = 150

Hospital in Allahabad = 50

$$\text{Percent} = \frac{150-50}{50} \times 100 = \frac{100}{50} \times 100 = 200\%$$

6) Answer: D

Total hospitals in Allahabad

$$= 50 + 60 + 62 + 65 + 70 = 307$$

7) Answer: C

Average Number of hospitals in Kanpur in 5 years = $\frac{(150+170+182+192+193)}{5} = \frac{885}{5} = 177$

8) Answer: A

In Kanpur,

Number of hospitals in 2012 = 180

Number of hospitals in 2010 = 150

$$\text{Percent} = \frac{180}{150} \times 100 = 120\%$$

9) Answer: A

$$\begin{aligned} \text{Average of 10 innings} &= \frac{(108+65+13+113+78+109+72+57+104+106)}{10} \\ &= \frac{825}{10} = 82.5 \end{aligned}$$

So, we can see in 1st, 4th, 6th, 9th & 10th innings he has scored more than has average.

10) Answer: B

Runs scored in innings 1 = 108

Runs scored in inning s 5 = 78

$$\begin{aligned} \text{Required percentage} &= \frac{108}{78} \times 100\% = \\ &= 138.46\% \end{aligned}$$

11) Answer: B

$$\begin{aligned} \text{Average of 10 innings} &= \frac{(108+65+13+113+78+109+72+57+104+106)}{10} \\ &= \frac{825}{10} = 82.5 \end{aligned}$$

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12) Answer: D

$$S1 = 108 + 65 + 13 + 113 + 78 = 377$$

$$S2 = 109 + 72 + 57 + 104 + 106 = 448$$

$$S2 - S1 = 448 - 377 = 71$$

13) Answer: A

$$\begin{aligned} \text{Selling price of 2kg of item P from shop 2} &= 24 \times 2 \\ &= \text{Rs. 48} \end{aligned}$$

$$\begin{aligned} \text{Selling price of 2kg of item Q from shop 2} &= 40 \times 2 \\ &= \text{Rs. 80} \end{aligned}$$

$$\begin{aligned} \text{Selling price of 2kg of item R from shop 2} &= 24 \times 2 \\ &= \text{Rs. 48} \end{aligned}$$

$$\begin{aligned} \text{Selling price of 2kg of item S from shop 2} &= 40 \times 2 \\ &= \text{Rs. 80} \end{aligned}$$

$$\text{Total selling price} = 24 + 40 + 24 + 40 = \text{Rs. 256}$$

14) Answer: C

$$\begin{aligned} \text{Selling price of 3kg of item P from shop 1} &= 20 \times 3 \\ &= \text{Rs. 60} \end{aligned}$$

$$\begin{aligned} \text{Selling price of 3kg of item P from shop 2} &= 24 \times 3 \\ &= \text{Rs. 72} \end{aligned}$$

$$\begin{aligned} \text{Selling price of 3kg of item P from shop 3} &= 28 \times 3 \\ &= \text{Rs. 84} \end{aligned}$$

$$\begin{aligned} \text{Selling price of 3kg of item P from shop 4} &= 22 \times 3 \\ &= \text{Rs. 66} \end{aligned}$$

$$\begin{aligned} \text{Selling price of 3kg of item P from shop 5} &= 26 \times 3 \\ &= \text{Rs. 78} \end{aligned}$$

$$\text{Total selling price} = 60 + 72 + 84 + 66 + 78 = \text{Rs.}$$

15) Answer: B

Average selling price = Sum of price of item from all shops/ Total number of shops

$$\text{Total number of shops} = 5$$

$$\begin{aligned} \text{Average selling price of item R} &= (36 + 24 + 28 + 30 + 34)/5 \\ &= \text{Rs. 30.40} \end{aligned}$$

16) Answer: C

$$\begin{aligned} \text{Selling price of all items from shop 1} &= 20 + 42 + 36 + 40 \\ &= \text{Rs. 138} \end{aligned}$$

$$\begin{aligned} \text{Selling price of all items from shop 2} &= 24 + 40 + 24 + 40 \\ &= \text{Rs. 128} \end{aligned}$$

$$\begin{aligned} \text{Selling price of all items from shop 3} &= 28 + 44 + 28 + 38 \\ &= \text{Rs. 138} \end{aligned}$$

$$\begin{aligned} \text{Selling price of all items from shop 4} &= 22 + 42 + 30 + 38 \\ &= \text{Rs. 132} \end{aligned}$$

$$\begin{aligned} \text{Selling price of all items from shop 5} &= 26 + 42 + 34 + 40 \\ &= \text{Rs. 142} \end{aligned}$$

The least selling price is from shop 2

17) Answer: B

$$\begin{aligned} \text{The sum of number of eBooks sold in 6 years} &= 8200 + 11900 + 13200 + 15500 + 16200 + 18400 \\ &= 83400 \end{aligned}$$

$$\text{Average} = 83400/6 = 13900$$

18) Answer: B

From Pie chart,

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Increase from 2011 to 2012 = $11900 - 8200 = 3700$

Increase from 2012 to 2013 = $13200 - 11900 = 1300$

Increase from 2013 to 2014 = $15500 - 13200 = 2300$

Increase from 2014 to 2015 = $16200 - 15500 = 700$

Increase from 2015 to 2016 = $18400 - 16200 = 2200$

Hence, the maximum increase in number of eBooks sold in year 2012 = 3700

19) Answer: A

Number of eBooks sold in 2016 = 18400

Number of eBooks sold in 2011 = 8200

Difference = $18400 - 8200 = 10200$

% Increase = $(10200 \times 100)/8200 = 124.4\%$

20) Answer: D

Number of eBooks sold in 2012 = 11900

Number of eBooks sold in 2015 = 16200

\Rightarrow Number of eBooks sold of 2012 = $x\%$ of Number of eBooks sold of 2015

$\Rightarrow 11900 = 16200x/100$

$\Rightarrow x = (11900 \times 100)/16200$

$\Rightarrow x = 73.45\%$

21) Answer: B

Average sold books in Ahmedabad = $(\text{Math} + \text{Reasoning} + \text{English} + \text{Hindi})/4$

Average sold books in Ahmedabad = $(4300 + 3100 + 4000 + 6000)/4 = 4350$

22) Answer: C

We can observe from the table that sales are least of Reasoning in Chennai.

23) Answer: D

Sell of both books in Ahmedabad = $4300 + 3100 = 7400$

Sell of both books in Bangalore = $4500 + 3300 = 7800$

Sell of both books in Chennai = $4800 + 2600 = 7400$

Sell of both books in Delhi = $4700 + 3200 = 7900$

So, sale of both books in Delhi is highest.

24) Answer: A

Total sales of Hindi books in all cities = $6000 + 6300 + 5600 + 5700 = 23600$

25) Answer: C

The sum sell of math books for all the years = $120 + 340 + 700 + 220 + 380 + 720 = 2480$

Average = $2480/6 = 413.33$

26) Answer: B

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Sell in the year 2001 = 120000

Sell in the year 2002 = 340000

Percentage increase = $(340 - 120) \times 100/120 = 183.33\%$

27) Answer: D

The average sale of math book for all the years = 413.33

Sell in 2001 = 120000

Sell in 2002 = 340000

Sell in 2003 = 708000

Sell in 2004 = 225000

Sell in 2005 = 380000

Sell in 2006 = 720000

In 2003 and 2006, sell of math book is more than the average sell.

28) Answer: C

Sale in 2005 = 380000

Sale in 2002 = 340000

Required % = $380/340 \times 100 = 111.76\%$

29) Answer: B

Number of new patients March = 20 Thousand

Number of new patients in April = 28 Thousand

\therefore Increase percentage = $[(28 - 20)/20] \times 100\% = 40\%$

30) Answer: B

In January, difference between number of new patient and recovered patient = 2 Thousand

In February, difference between no of new patient and recovered patient = 1 Thousand

In March, difference between no of new patient and recovered patient = 5 Thousand

In April, difference between no of new patient and recovered patient = 2 Thousand

In May, difference between no of new patient and recovered patient = 6 Thousand

In June, difference between no of new patient and recovered patient = 5 Thousand

Difference between number of new patient and recovered patient is maximum in May and this difference is 6 thousand

31) Answer: B

Cured patients in April = 25 Thousand

New patients in April = 28 Thousand

\therefore Total number of new patient and recovered patient = $(25 + 28)$ thousand = 53000

32) Answer: C

New corona patients February = 24000

New corona patients March = 20000

New corona patients April = 28000

New corona patients May = 20000

\therefore Total number of new corona patients from February to May

= $(24 + 20 + 28 + 20)$ Thousand = 92000

\therefore Average number of patient = $92000/4 = 23000$

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33) Answer: A

The average difference between the number of boys and girls passed in the given period =

$$[(428 - 392) + (442 - 410) + (480 - 423) + (436 - 428) + (465 - 456) + (452 - 450)]/6$$

$$= 144/6 = 24$$

34) Answer: B

The difference between passed numbers of boys and girls in the year 2000 = $428 - 392 = 36$

The difference between passed numbers of boys and girls in the year 2001 = $442 - 410 = 32$

The difference between passed numbers of boys and girls in the year 2002 = $480 - 423 = 57$

The difference between passed numbers of boys and girls in the year 2003 = $436 - 428 = 8$

The difference between passed numbers of boys and girls in the year 2004 = $465 - 456 = 9$

The difference between passed numbers of boys and girls in the year 2005 = $452 - 450 = 2$

∴ The difference between passed numbers of boys and girls is maximum in the year 2002.

35) Answer: B

Total students passed in 2005 = $450 + 452 = 902$

36) Answer: A

Average number of passed girls = $(392 + 410 + 423 + 428 + 456 + 450)/6 = 426.5$

In all the years the number of passed boys is greater than the average number of passed girls.

37) Answer: D

As shown in bar graph number of employees from AP is highest.

38) Answer: B

Total No. of employees = $1800 + 200 + 200 + 1600 + 200 + 800 + 1200 = 6000$

39) Answer: B

Difference between number of employees from MP and Delhi = $1600 - 800 = 800$

40) Answer: C

Average salary of employees = 60000

Total no. of employees = 6000

∴ Total of the salary paid = $6000 \times 60000 = \text{Rs. } 3.6 \times 10^8$

41) Answer: B

Vacancy in 2005 = 100000

Total vacancy in all given years = $5000 + 55000 + 85000 + 60000 + 100000 + 5000 + 30000 = 340000$

Required central angle = $100000/340000 \times 360 = 105.88^\circ$

42) Answer: C

From the pie chart, it is clear that in year 2006, the number of vacancies was most less than previous year.

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43) Answer: A

Number of vacancies in 2002 = 55000

Number of vacancies in 2005 = 100000

Therefore, difference = 100000 - 55000 = 45000

44) Answer: D

Number of vacancies in 2004 = 60000

Number of vacancies in 2007 = 30000

\therefore required percentage = $(60000 - 30000)/30000 \times 100 = 100\%$

45) Answer: C

Salary of NTPC employee = Rs.20000

Number of vacancies in 2005 = 100000

\therefore Total expense of salaries = $20,000 \times 100000 = \text{Rs.}20 \times 10^8$

46) Answer: A

As shown in the line graph, marks of C is 20 only, which is least.

47) Answer: A

Total marks = $60 + 30 + 20 + 60 + 40 + 40 + 50 = 300$

48) Answer: B

As shown in the line graph, marks of A and D is highest, 60.

49) Answer: A

40% of C = 40% of 20 = 8

50) Answer: B

20 marks = 30% of total

1 mark = $30/20$

60 marks = $30/20 \times 60 = 90\%$

Decision Making

Directions (1-14): In each question below are given a statement/argument followed by two assumptions/presumptions numbered I and II. You have to consider the statement/ argument and the following assumptions / presumptions and decide which of the assumptions / presumptions is implicit in the statement/ argument.

1. **Statements:**

Ram told Mohan, "I want your newspaper to read."

Assumptions:

I. Mohan has a newspaper.

II. Ram wants to show that he reads the newspaper.

a) Only I is implicit.

b) Both I and II are implicit.

c) Neither I nor II are implicit.

d) Only II is implicit.

2.

Statement:

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Rohit told Suresh, "I want to do research on the impact of social media on adolescent mental health."

Presumptions:

- I. The impact of social media on adolescent mental health can be measured.
- II. Rohit has the skills and competencies to do such research.

- a) Both I and II are implicit.
- b) Neither I nor II are implicit.
- c) Only presumptions II is implicit.
- d) Only presumptions I is implicit.

3. **Statement:**

The hotel manager tells his colleague, "Evenings are always busy."

Assumption:

- I. There is more work in the evening.
- II. Too much work gets accumulated due to lack of work on time.

- a) Both I and II are implicit.
- b) Only I is implicit.
- c) Neither I nor II is implicit.
- d) Only II is implicit.

4. **Argument:**

Organic fertilizers should be used instead of chemical for higher yield.

Assumption:

- 1. Chemical fertilizers are harmful to both humans and land.
- 2. Organic fertilizers provide higher yield as compared to chemical fertilizers.

- a) Both 1 and 2 assumptions follow.
- b) Only assumption 2 follows.
- c) Neither 1 nor 2 follow.
- d) Only assumption 1 follows.

5. **Statement:**

X told Y, "I want to survey the cheapest hotel available in India".

Presumptions:

- I. The cheapest hotels in India can be known by survey.
- II. X has the skills and competencies for such surveys.

- a) Only presumption II is implicit.
- b) Only presumption I is implicit.
- c) Neither I nor II are implicit.
- d) Both I and II are implicit.

6. **Statement:**

X told Y, "I want to do research on catering for children under 5 years old."

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Assumptions:

- I. Through the research about the catering of children under 5 years of age can be known.
II. X has the skills and aptitude for such research.
- a) Only assumption I is implicit.
b) Both I and II are implicit.
c) Neither I nor II are implicit.
d) Only assumption II is implicit.

7. **Statement:**

One school claims, "We give children better values along with teaching."

Assumption

- I. There are no other such schools in India.
II. People are eligible to pay fees in this school.
- a) Neither I nor II are implicit.
b) Only assumption I is implicit.
c) Both I and II are implicit.
d) Only Assumption II is implicit.

8. **Statements:**

The hotel manager told his colleague, "I am eagerly waiting for this year's report to be presented to the top management".

Assumption:

- I. The hotel has done some new experiments.

II. The hotel manager has important information that makes an impact on the top management.

- a) Both assumption I and II are implicit
b) Only assumption I is implicit.
c) Only assumption II is implicit.
d) Neither assumption I nor assumption II is implicit.

9. **Statement:**

The year 2024 is a leap year.

Assumption:

1. There will be 29 days in February in 2024.
2. The year 2021 is not a leap year.
- a) Neither 1 nor 2 is implicit.
b) Only assumption 2 is implicit.
c) Only assumption 1 is implicit.
d) Both 1 and 2 are implicit.

10. **Contrivance:**

Everyone loves to read Munshi Premchand's novels.

Assumption:

1. Only the novels of Munshi Premchand are readable.
2. Nobody likes to read anything else.
- a) Both 1 and 2 assumptions are implicit.
b) Only assumption 1 is implicit.
c) Neither 1 nor 2 is implicit.

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d) Only assumption 2 is implicit.

11. **Statement:**

The 'Swachh Bharat Abhiyan', started by the Kanpur Municipal Corporation, did not get much response.

Assumption:

1. People of Kanpur city do not like cleanliness.

2. Kanpur Municipal Corporation failed in campaign.

a) Only assumption 1 is implicit.

b) Neither 1 nor 2 is implicit.

c) Both 1 and 2 assumptions are implicit.

d) Only assumption 2 is implicit.

12. **Argument / Statement:**

Warning: smoking is harmful to health.

Presumption:

1. Warning is not required.

2. People who do not smoke are healthy.

a) Neither absolute presumption 1 nor presumption 2 is implicit.

b) Only presumption 1 is implicit.

c) Only presumption 2 is implicit.

d) Both presumptions are implicit.

13. **Statement:**

The mayor told his secretary, "There should be a zoo in every city."

Assumption:

I. Zoo is essential for the people of the city.

II. Zoos help keep people away from mobile.

a) Only II is implicit.

b) Both I and II are implicit.

c) Neither I nor II is implicit.

d) Only I is implicit.

14. **Statement:**

Y told Z "Chess habit is addictive."

Assumption:

I. Chess is a very attractive game.

II. People spend more time in chess.

a) Only assumption I is implicit.

b) Only assumption II is implicit.

c) Both I and II assumptions are implicit.

d) Neither assumption I nor II is implicit.

Directions (15-27) In each question below is given a statement/argument followed by two assumptions/ presumptions numbered I and II. You have to consider the statement/ argument and the following assumptions / presumptions and decide which of the

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assumptions / presumptions is implicit in the statement/ argument.

15. **Statement:**

Ram asked Rajesh, "Can I borrow your bike in the evening."

Presumptions:

I. Rajesh has a bike.

II. Ram needs a bike in the evening.

a) Only I is implicit.

b) Only II is implicit.

c) Both I and II are implicit.

d) Neither I nor II is implicit.

16. **Statement:**

A father advised his son that the shortest route from Kanpur to Patna passes through Allahabad.

Presumptions:

1. Son wants to go to Patna.

2. Father gives advice to everyone.

a) Neither 1 nor 2 is implicit.

b) Only presumption 2 is implicit.

c) Only presumption 1 is implicit.

d) Both 1 and 2 are implicit.

17. **Statement:**

Earlier in the winter season in Nababganj Bird Sanctuary, Siberian Crane and all other types of migratory birds could be seen.

Presumptions:

I. Siberian crane birds migrate and visit the sanctuary during a particular period of the year.

II. Earlier the Nababganj bird sanctuary had good water sources.

a) Both I and II are implicit.

b) Only II is implicit.

c) Neither I nor II is implicit.

d) Only I is implicit.

18. **Statement:**

Children cry and attract the attention of their parents.

Forecast:

I. They do not speak properly.

II. The parents are very busy.

a) Only II is implicit.

b) Both I and II are implicit.

c) Neither I nor II is implicit.

d) Only I is implicit.

19. **Statement:**

Students should participate in 'sports competition'.

Forecast:

I. They will develop physical ability.

II. His sportsmanship will increase.

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- a) Both I and II are implicit.
- b) Only II is implicit.
- c) Only I is implicit.
- d) Neither I nor II is implicit.

20. **Statements:**

"Nowadays people know that meditation and yoga give energy to the body".

Forecast:

I. Nowadays almost all suffer from stress and anxiety.

II. Meditation and yoga are indeed very beneficial.

- a) Only I is implicit.
- b) Both I and II are implicit.
- c) Neither I nor II is implicit.
- d) Only II is implicit.

21. **Statements:**

Despite the production of mobiles in India, we still import mobiles.

Forecast:

I. Per capita mobile consumption in India has increased.

II. Many Indian companies have not been able to meet the demand of mobiles in India.

- a) Either forecast I or II is implicit.

- b) Only forecast I is implicit.
- c) Neither forecast I nor II is implicit.
- d) Only forecast II is implicit.

22. **Argument :**

A notice in the clinic reads 'MR is not allowed to visit the doctor'.

Forecast :

- 1. MR will not come to clinic to see the doctor.
- 2. The receptionist may prevent MR from visiting the doctor.
- a) Only forecast 2 follows.
- b) Neither 1 nor 2 follows.
- c) Only forecast 1 follows.
- d) Both 1 and 2 follow.

23. **Statement :**

It is mandatory to pass NTPC exam for this post.

Assumption:

- I. Passing NTPC is the only option for the above job.
- II. This job also requires other exams.
- a) Only assumption I is clear.
- b) Only assumption II is clear.
- c) Neither I nor II is clear.
- d) Both I and II are clear.

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24. **Statements:**

Risk is possible in the stock market.

Assumption:

I. A person can suffer loss by investing in shares.

II. A person can benefit from investment.

a) Both assumption I and II are clear.

b) Only assumption II is clear.

c) Neither assumption I nor II is clear.

d) Only assumption I is clear.

25. **Argument:**

Indian Railways has decided to increase its fares by 20%.

Assumption:

1. Passengers can choose other options with lower fares from Indian Railways.

2. Even after the increase, the number of railway passengers can remain the same.

a) Both 1 and 2 are implicit.

b) Only assumption 2 is implicit.

c) Only assumption 1 is implicit.

d) Neither 1 nor 2 is implicit.

26. **Argument:**

Gambling is a legal offense.

Assumption:

1. Gambling is harmful to people's family.

2. Gambling is also harmful to oneself in terms of money.

a) Both 1 and 2 are implicit.

b) Neither 1 nor 2 is implicit.

c) Only assumption 2 is implicit.

d) Only assumption 1 is implicit.

27. **Statement:**

Engineers must attend the workshop.

Assumption:

I. Workshop makes engineers' knowledge topical.

II. Workshops waste time.

a) Neither assumption (I) nor (II) is implicit.

b) Both assumption (I) and (II) are implicit.

c) Only assumption (I) is implicit.

d) Only assumption (II) is implicit.

Direction (28-39) - In each question below is given a statement/argument followed by two assumptions/ Beliefs numbered I and II. You have to consider the statement/ argument and the following assumptions / presumptions and decide which of the assumptions / Beliefs is implicit in the statement/ argument.

28. **Statement:**

"The real impact of air pollution will be felt in the next few years", statement by Greta Thunberg.

Assumptions:

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I. Air pollution is going towards the highest level.

II. We need to reduce the use of polluting fuels.

a) Neither assumption I nor assumptions II are contained.

b) Both statements I and II are implicit.

c) Only assumption II is contained.

d) Only assumption I is implicit.

29. **Statement:**

Greta Thunberg suffers from Asperger's syndrome. Asperger's syndrome is a variety of autism that affects people's ability to interact.

Argument:

I. Greta Thunberg speaks intermittently due to Asperger's syndrome.

II. Greta Thunberg considers pollution in the environment to be the cause of this disease.

a) Only argument II is implicit.

b) Neither I nor II is implicit.

c) Only argument I is implicit.

d) Both arguments I and II are implicit.

30. **Statement:**

X told Y, "I want to research about pollution from various factories in the atmosphere."

Assumptions:

I. Factories pollute the atmosphere.

II. X has skills to do this type of research.

a) Both assumptions I and II are implicit

b) Neither I nor II are implicit

c) Only assumption II is implicit

d) Only assumption I is implicit

31. **Argument:**

During an election, the major opposition party said "see the rise in petrol and grain prices over the last five years".

Assumptions:

1. This time, give our party a chance at power.

2. If you choose this party again for power, the prices will keep going up.

a) Both 1 and 2 are implicit.

b) Only Assumption 2 is implicit.

c) Both 1 and 2 are not implicit.

d) Only Assumption 1 is implicit.

32. **Argument:**

The Supreme Court has decided that all rapists be hanged.

Assumptions:

1. Women will get protection.

2. Rape cases can be reduced.

a) Neither 1 nor 2 is clear.

b) Only assumption 2 is clear.

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c) Only assumption 1 is clear.

d) Both 1 and 2 are clear.

33. **Argument:**

The Ordnance Factory has issued a new directive that everyone has to be put to work by 8.00 am.

Assumptions:

1. Some employees do not arrive on time.

2. The employees will follow all the instructions given in the notice.

a) Both 1 and 2 are implicit.

b) Only Assumption 1 is implicit.

c) Only Assumption 2 is implicit.

d) Both 1 and 2 are not implicit.

34. **Statement :**

Movies are the reason for the development of negative trends.

Assumptions:

1. Movies highlight negative aspects earlier than positive aspects.

2. The focus on negative aspects goes much more than positive aspects.

a) Both 1 and 2 are not implicit.

b) Only assumption 2 is implicit.

c) Only assumption 1 is implicit.

d) Both 1 and 2 are implicit.

35. **Statement:**

IBPS GUIDE announced that the minimum eligibility criteria for teachers in their company is post-graduation.

Assumptions:

1. Only those who have passed postgraduate degree will apply.

2. People with PHD can also apply.

a) Only assumption 2 is implicit.

b) Both assumption 1 and 2 are implicit.

c) Either 1 or 2 is implicit.

d) Only assumption 1 is implicit.

36. **Statement:**

When your dress is great, many people ask you where to buy it.

Assumptions:

1. People do not ask if the dress is bad.

2. People want to know where to get such dress.

a) Only assumption 2 is implicit.

b) Either 1 or 2 is implicit.

c) Both assumptions 1 and 2 are implicit.

d) Only assumption 1 is implicit.

37. **Statement:**

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The teacher tells the student, "If you don't finish your homework, you will not be allowed to come to class".

Assumptions:

1. Discipline is one way to make teaching in charge.
 2. The teacher will be happy that there is no student in the class who does not do his work on time.
- a) Only assumption 1 is implicit.
 - b) Both 1 and 2 are not implicit.
 - c) Only assumption 2 is implicit.
 - d) Both 1 and 2 are implicit.

38. **Statement:**

Double your money in 21 days - an advertisement.

Assumptions:

- I. Assurance is not true.
 - II. People want their money to increase.
- a) Both I and II are implicit.
 - b) Both I and II are not implicit.
 - c) Only assumption I is implicit.
 - d) Only assumption II is implicit.

39. **Statements:**

Do mutual funds have the resources to create wealth?

Comment:

1. Yes, funds in mutual funds multiply.
 2. No, investments in mutual funds are subject to market risk.
- a) Only comment 2 is strong.
 - b) Both comments 1 and 2 are strong.
 - c) Only comment 1 is strong.
 - d) Neither comment 1 nor 2 is strong.

Direction (40-50) - In each question below is given a statement/argument followed by two actions numbered I and II. You have to consider the statement/ argument and the following actions and decide which of the actions is implicit in the statement/ argument.

40. **Statement:**

People do not refrain from spreading dirt even at tourist places.

Action:

1. People should not be dirty at tourist places.
 2. Government should pay special attention to cleanliness.
- a) Both 1 and 2 follow.
 - b) Only 1 follows.
 - c) Neither 1 nor 2 follows.

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d) Only 2 follows.

41. **Statements:**

Excess use of antibiotics is harmful to the body. "

Assertion / Action:

- I. Antibiotics are harmful for the body.
- II. Antibiotics should not be used much.

- a) Only I is implicit.
- b) Both I and II are implicit.
- c) Only I is implicit.
- d) Neither I nor II are implicit.

42. **Statement:**

The WHO had decided to declare Corona as an epidemic disease. People are liable to be punished if they do not report about the corona occurring in the family or neighborhood.

Action Implementation:

- 1. The government effectively planned to enact legislation to control Corona.
 - 2. Mass media should be used to spread the message about punishment. So that people are aware of the proceedings.
- a) Only 1 follows.
 - b) Only 2 follows.
 - c) Neither 1 nor 2 follows
 - d) Both 1 and 2 follow.

43. **Statement:**

People in Rajasthan are facing extreme water shortage.

Action:

- I. Government should take steps to solve the water crisis.
- II. People should build ponds to save water.

- a) Neither 1 nor 2 follows.
- b) Either 1 or 2 follows.
- c) Only 2 follows.
- d) Action 1 and 2 both follow.

44. **Statement:**

Municipal corporation officials take bribe to do their work.

Action:

- 1. Anti-Corruption Bureau should be set up to prosecute corrupt officials of the Municipal Corporation.
 - 2. All the corruption charges against the municipal authorities are false. Read these carefully and decide which type of action logically follows.
- a) Neither 1 nor 2 follows.
 - b) Only 1 follows.
 - c) Both 1 and 2 follow.

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d) Only 2 follows.

45. **Statement:**

The government college was criticized for its failure to implement quality education despite the central government approving good infrastructure and recruitment of teachers.

Action Instructions:

1. Government College should be given an opportunity to present its stand.
2. The college should be asked to improve the quality of education.

- a) Both 1 and 2 are strong.
- b) Neither 1 nor 2 is strong.
- c) Only 2 is strong.
- d) Only 1 is strong.

46. **Statement:**

There has been a rapid increase in the number of medical college admission applications. As a result, many applications are rejected, causing anger among parents.

Action Instructions:

1. The criteria for selection should be clearly mentioned.
2. A new branch should be opened to include all students in the medical college.

a) Both 1 and 2 are strong.

b) Only 1 is strong.

c) Neither 1 nor 2 is strong.

d) Only 2 is strong.

47. **Statement:**

According to the WHO directive "The corona may spread more rapidly."

Action:

1. WHO should be praised for giving timely warning.
2. The government should work on measures to prevent corona.

- a) Both 1 and 2 follow.
- b) Neither 1 nor 2 follows.
- c) Only 2 follows.
- d) Only 1 follows.

48. **Statement:**

Pollution in Kanpur has increased a lot during this period. This is due to vehicles and construction work on roads.

Actions:

1. Road construction works should be done with minimal pollution.
2. Government should stop registration of new vehicles.

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a) Only 1 follows.

b) Only 2 follows.

c) Both 1 and 2 follow.

d) Neither 1 nor 2 follows.

49. **Statements:**

During the corona, many departments continue to blame the other for any mistake.

Actions:

1. In such a time there should be only one responsible department.

2. All departments should be held responsible and punished.

a) Neither 1 nor 2 follows.

b) Both 1 and 2 follow.

c) Only 2 follow.

d) Only 1 follows.

50. **Statement:**

Craftsmen in India still use traditional methods and are not aware of modern methods of craft.

Programs to be implemented:

1. Craftsmen should be trained to change their method of craft.

2. Modern methods should be promoted.

a) Only 1 follows.

b) Neither 1 nor 2 follows.

c) Both 1 and 2 follow.

d) Only 2 follows.

Decision Making – Answer and Explanation

1) Answer: A

In the statement, Ram has asked Mohan a newspaper, that is, Mohan has a newspaper.

Hence assumption I is embedded in statement.

2) Answer: A

Presumptions (I) and (II) are both implicit in the statement.

3) Answer: B

According to the statement, it can be said that the reason for being busy in the evening can be more work. Hence only assumption I is implicit in the statement.

4) Answer: B

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Use of organic manure instead of chemical fertilizer for agricultural work provides higher yield, hence only assumption 2 follows statement.

5) Answer: D

According to the statement, presumption I and II are implicit in both statements.

6) Answer: B

According to the given statement, both Assumptions I and II are implicit. Because X has skills and aptitude and he wants to do research on children's catering.

7) Answer: B

In the given statement only assumption I is implicit.

8) Answer: C

Only assumptions II are implicit.

9) Answer: D

In the given statement, year 2024 is a leap year. Similarly, year 2021 is not a leap year. Hence both 1 and 2 assumptions are implicit.

10) Answer: C

Neither 1 nor 2 is implicit for the given contrivance.

11) Answer: D

It is clear from the given statement that only assumption (2) is implicit in the statement. Hence option (d) will be the correct answer.

12) Answer: A

According to the statement, smoking is harmful to health. People with smoking are warned for this. Whereas, according to assumption (1), warning is not required. Hence presumption (1) is not implicit in the statement. Here it is not necessary that non-smokers remain healthy, they can remain unwell for other reasons whether to smoke or not, hence the presumption (2) is also not implicit in the statement.

13) Answer: D

The mayor told the secretary that there should be a zoo in every city because the zoo is necessary for the people of the city. Hence the assumptions I is implicit in given statement.

14) Answer: B

According to the statement Y told Z that chess habit is addictive. Here it is not necessary that chess should be a very attractive game but people spend a lot of time in chess i.e. chess is addictive, so here only assumption II is implicit in the statement.

15) Answer: C

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Ram is asking Rajesh to borrow a bike in the evening, that is, Rajesh must have a bike and Ram will need a bike only then he is asking to borrow a bike. Hence it is clear that both presumptions I and II are implicit in the statement

16) Answer: C

In the given statement only Presumptions 1 is implicit.

17) Answer: D

According to the given statement only the presumptions (I) is implicit in the statement.

18) Answer: B

Children cannot speak when they are very young, if they have trouble or feel hungry, they cry and attract the attention of parents and the reason for doing so is the child is playing alone. Hence both predictions I and II are implicit in the statement.

19) Answer: A

Both forecast I and II are implicit in the statement.

20) Answer: D

Meditation and yoga give energy to the body which is very beneficial. Hence the forecast (II) is contained in the statement whereas the forecast (I) has no relation to the statement.

21) Answer: A

Despite the production of mobiles in India, we still import mobiles today, as per capita mobile consumption has increased in India and many Indian companies are not able to meet the demand of mobiles in India. Hence either prediction (I) or (II) is implicit.

22) Answer: D

Since the board of the clinic clearly states that MR is not allowed to visit the doctor. Which is expected that MR will not come to the clinic to see the doctor and if he has come then the receptionist can stop him. Hence both predictions 1 and 2 follow.

23) Answer: A

Assumption I is clear according to the given statement because in the statement, only the person passing the NTPC exam has the right to get a job. While statement II does not discuss other examinations at all. Hence this assumption II is not correct.

24) Answer: A

According to the given statement, both I and II estimates are clear.

25) Answer: A

Both the assumptions are implicit in the argument therefore both the assumptions are true. Hence option (a) will be true.

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26) Answer: C

It is not mentioned in the argument that gambling is harmful to the family of people or harmful to oneself in terms of money. Hence it is clear that neither assumption 1 nor 2 is implicit in the argument.

27) Answer: C

According to the given statement, only assumption I is implicit in the statement, because workshops help to make engineers' knowledge topical.

28) Answer: B

According to Greta Thunberg's statement 'The real impact of air pollution will be felt in the next few years as air pollution is currently going towards the highest level. Use of highly polluting fuels will increase pollution further. Hence both assumptions I and II are implicit in the above statement.

29) Answer: C

Asperger's syndrome is a variety of autism that affects people's ability to interact. This leads to the conclusion that Greta Thunberg speaks intermittently due to Asperger's syndrome. Hence only argument I follow.

30) Answer: A

According to the given statement, both assumption I and assumption II are implicit in the statement.

31) Answer: A

Both the assumptions 1 and 2 are implicit in the given argument.

32) Answer: B

Decisions taken by the Supreme Court to hang all rapists. So rape cases can be reduced. Hence only Assumption 2 is clear

33) Answer: A

Assumptions 1 and 2 both are implicit in given argument.

34) Answer: B

Only the assumption 2 is implicit in the statement.

35) Answer: B

According to the statement, the minimum qualification is postgraduate. Therefore, the postgraduate person will be eligible, so both the assumptions 1 and 2 are implicit in the statement.

36) Answer: A

Only assumption 2 is implicit in the given statement.

37) Answer: A

According to the statement, the teacher tells the student that if you do not complete your

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homework, you will not be allowed to enter the classroom. Which will motivate the student to complete homework daily and be disciplined and this discipline is a way to make the student's teaching work effective. But this does not mean that teachers are happy that there are no students in the class who do not do their work on time. There may be many students in the class who do not do their work at the right time. Hence only Assumption 1 is contained in the statement.

38) Answer: D

According to the given statement only Assumption II is implicit. Because people will always want to increase their money, but according to assumption 'I', the assurance given in the statement can also be true.

39) Answer: D

It is written in the statement that mutual funds are resources to make money, according to the statement, mutual funds are a means of creating wealth but not necessarily that the money itself becomes manifold when investing the money, hence, comment 1 is wrong, comment 2 is also from the statement is not clear.

40) Answer: B

According to the given statement, action 1 follows.

41) Answer: C

According to the given statement, only Assertion (II) is implicit.

42) Answer: D

In relation to the statement, actions 1 and 2 both follow.

43) Answer: D

According to the statement, both actions 1 and 2 follow.

44) Answer: B

Only action 1 logically follows the statement.

45) Answer: A

Action 1 - Arguably follows because the government college should be given an opportunity to present its stand, just criticizing will not improve the college. Thus action-I will be correct. Action 2-College should be asked to implement the purpose of education and improve the quality of education. This action is also correct. Hence both 1 and 2 operations are strong.

46) Answer: B

Direction of action 1 in the context of the statement is strong and is contained in the statement.

47) Answer: C

It is clear from the statement that only action 2 follows the statement.

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48) Answer: A

Pollution in Kanpur has increased a lot during this period. This is due to the construction work on vehicles and roads. Immediate action is required to prevent pollution. According to the question, the construction works on roads should be done with least pollution. Hence the action I follows the statement.

49) Answer: A

Neither the 1 nor the 2 follow the given statement.

50) Answer: A

Both statements 1 and 2 follow the given statement.

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