

Practice Set-2

Part—I General Intelligence

1. If the day before yesterday was Friday, what day will two days after the day after tomorrow be ?
(A) Saturday (B) Thursday
(C) Friday (D) Sunday
2. Your mother is 4 years younger than your father who is six times older than you. If your age is 6 years, what is your mother's age ?
(A) 36 years (B) 34 years
(C) 28 years (D) 32 years
3. If A is the mother of D, B is not the son of C, C is the father of D, D is the sister of B, then how is A related to B ?
(A) Mother (B) Brother
(C) Stepson (D) Sister
4. In an examination, Rahul got the 11th rank and he was 47th from the bottom among those who passed. 3 students could not appear for the exam. 1 student failed. What is the total no. of students ?
(A) 60 (B) 62
(C) 59 (D) 61
5. Raju is Ramu's neighbour and he stays 100 metres away towards southeast. Venu is Raju's neighbour and he stays 100 metres away towards southwest. Khader is Venu's neighbour and he stays 100 metres away towards north-west. Then where is the position of Khader's home in relation to Ramu's ?
(A) South-East (B) South-West
(C) North-West (D) North
6. Sanmitra walks towards north 4 kms, turns right and walks 5 km. Then he turns towards south and walks 2 km. Again he takes a turn towards west walks 3 km and stops for a

while. Then he further walks 2 km. What is the distance of Sanmitra from starting point ?

- (A) 16 km (B) 2 km
(C) 4 km (D) 3 km

7. A statement is given followed by two conclusions I and II. You have to consider the statement to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statement.

Statement : Tension is detrimental to physical and mental health.

Conclusions :

- I. To be healthy one should be free from tension.
 - II. Mental health depends upon the tension one experiences.
- (A) Only I follows
(B) Only II follows
(C) Neither I nor II follows
(D) Both I and II follow
8. Two statements are given followed by four conclusions I, II, III and IV. You have to consider the two statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements.

Statements :

1. Some skirts are benches.
2. No bench is a table.

Conclusions :

- I. Some skirts are tables.
 - II. Some benches are skirts.
 - III. All benches are skirts.
 - IV. Some tables are skirts.
- (A) Only I follows
(B) Only II follows

(C) Only II and IV follow

(D) Only I and III follow

9. There are five houses A, B, C, D, O in a row. A is right side of B and left side of C. O is the right side of A. B is right of D. Which house is in the middle ?

(A) O (B) A
(C) B (D) D

10. If $C = 3$ and $CAT = 24$, what is $FAULT$?

(A) 60 (B) 57
(C) 64 (D) 72

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

PRONUNCIATION

(A) RATION (B) PRONOUN
(C) PRINT (D) NATURAL

12. Rearrange the jumbled letters in meaningful words to identify the word which is not a colour.

(A) L T E O I V (B) E N G R A O
(C) P E L R U P (D) R E O W L F

13. If **EXPANSION** is written as 248537693 in a certain code, how would **PENSION** be written in that code ?

(A) 8236793 (B) 8237639
(C) 8237693 (D) 8233769

14. If in a code language 'PUTREFY' is written as 'XPQSTRL' and 'NAVIGATE' is written as 'GYMOWYQT', how is 'AVIARY' written in that language ?

(A) YOMYLS (B) YMOYLS
(C) YMOYSL (D) YOMYSL

Directions—(Q. 15–22) Select the related word/letters/number from the given alternatives.

15. Fast : Hunger :: Race : ?

(A) Smartness (B) Strength
(C) Horse (D) Fatigue

16. Antonym : Synonym :: Analysis : ?

(A) Synthesis (B) Synchronize
(C) Simplify (D) Summarise

17. FLRX : EJOT :: CKTY : ?

(A) BIQV (B) DIPQ
(C) DHQU (D) BIQU

18. BEHK : YVSP :: ADGI : ?

(A) ZUTR (B) ZVSP
(C) ZWTQ (D) ZWXZ

19. $\frac{C}{L} : \frac{24}{27} :: \frac{E}{N} : ?$

(A) $\frac{54}{50}$ (B) $\frac{56}{45}$
(C) $\frac{125}{197}$ (D) $\frac{56}{54}$

20. $68 : 130 :: ? : 350$

(A) 210 (B) 222
(C) 240 (D) 282

21. $128 : 96 :: 244 : ?$

(A) 183 (B) 122
(C) 138 (D) 302

22. C 3 F 6 : I 9 L 12 :: K 11 N 14 : ?

(A) O 15 R 18 (B) R 18 U 21
(C) Q 17 T 20 (D) L 12 O 15

Directions—(Q. 23–29) Select the one which is different from the other three responses.

23. (A) Brother – Sister (B) Mother – Father
(C) Uncle – Aunt (D) Husband – Wife

24. (A) Snooker (B) Table Tennis
(C) Badminton (D) Billiards

25. (A) PQ (B) AU
(C) CD (D) RB

26. (A) CPBO (B) BODQ
(C) ANHU (D) ESGT

27. (A) BFJNRV (B) CGKOSW
(C) DHLPTX (D) EIMPSW

28. (A) 81 (B) 8
(C) 16 (D) 625

29. (A) 576 – 12 (B) 611 – 13
(C) 198 – 11 (D) 824 – 14

30. Find out a set of numbers amongst the four sets of numbers given in the alternatives, which is most like the set given in the question.

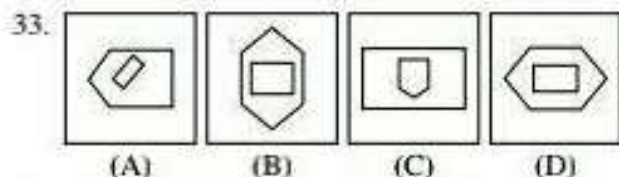
(14, 20, 3)

(A) (7, 13, 3) (B) (5, 10, 15)
(C) (3, 6, 9) (D) (4, 8, 16)

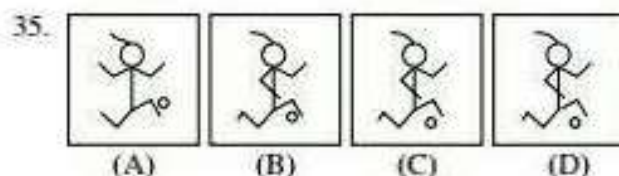
Directions—(Q. 31 to 41) Select the one which is different from the other three responses.

31. (A) C X D W (B) G T H S
(C) J Q K P (D) H R I S

32. (A) Wool (B) Feather
(C) Hair (D) Grass



34. (A) 57-47 (B) 39-29
(C) 19-9 (D) 59-39



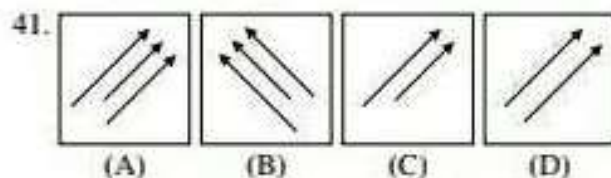
36. (A) 6-36 (B) 8-64
(C) 5-25 (D) 4-16

37. (A) Giraffe (B) Horse
(C) Camel (D) Bullock

38. (A) E D H G (B) L K O N
(C) U V W X (D) Q P T S

39. (A) Foreword (B) Text
(C) Index (D) Preface

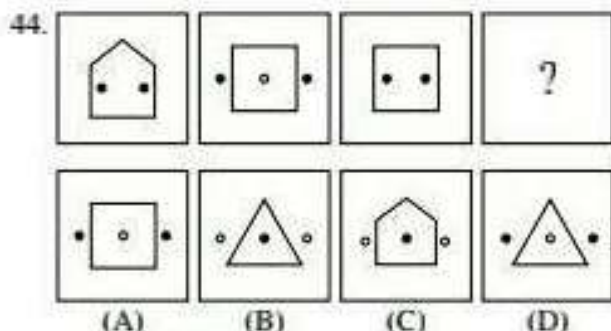
40. (A) Sports-Ground (B) Cinema-Screen
(C) Drama-Stage (D) Rubber-Erase



Directions—(Q. 42-50) Select the related letters/word/number/figure from the given alternatives.

42. MAN : BIOGRAPHY : NATION : ?
(A) PEOPLE (B) POPULATION
(C) GEOGRAPHY (D) HISTORY

43. Crop : Farm :: Ore : ?
(A) Iron (B) Volcano
(C) Mine (D) Factory



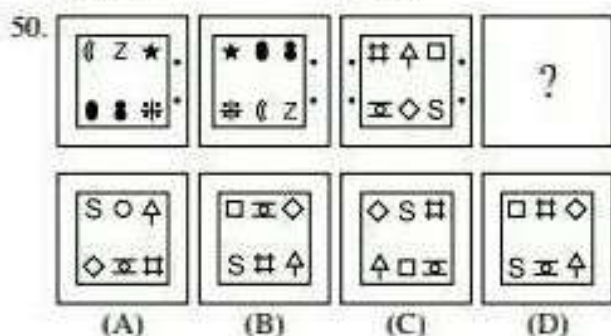
45. 21 : 3 :: 574 : ?
(A) 23 (B) 82
(C) 97 (D) 113

46. BELL : AFKM :: DOOR : ?
(A) CNPQ (B) ENPS
(C) EPNS (D) CPNS

47. 11 : 119 :: 15 : ?
(A) 154 (B) 223
(C) 233 (D) 152

48. JLNP : OMKI :: SUWY : ?
(A) MLKJ (B) PLHD
(C) XVTR (D) FGHI

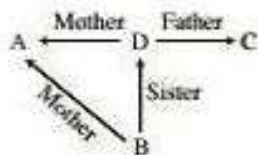
49. 2 : 0 :: 3 : ?
(A) 18 (B) 19
(C) 20 (D) 21



Answers with Explanations

- (B) The day before yesterday was Friday
∴ It is today Sunday.
and the day, two days after tomorrow will be Thursday.
- (D) ∴ Your age is 6 years.
∴ Your father's age = 6×6
= 36 years
∴ Your mother's age = $36 - 4$
= 32 years

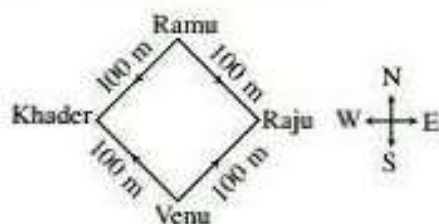
3. (A)


 \therefore A is the mother of B.

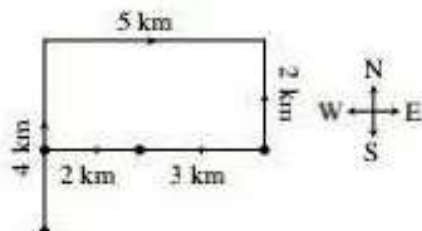
4. (D) Total number of students

$$= 11 + 47 - 1 + 3 + 1 = 61$$

5. (B)



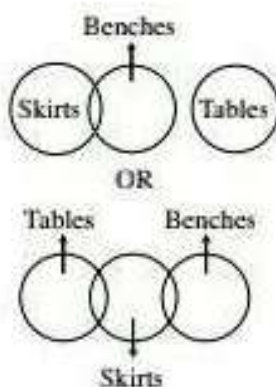
6. (B)



$$\begin{aligned} \therefore \text{Reqd. distance} &= 4 - 2 \\ &= 2 \text{ km.} \end{aligned}$$

7. (D)

8. (B)



9. (B)


 \therefore House A is in the middle.

10. (A) $\text{FAULT} \rightarrow 6 + 1 + 21 + 12 + 20$

$$= 60$$

11. (D) There is not L in the given word. Hence, NATURAL cannot be made.

12. (D) Meaningful words are—VIOLET, ORANGE, PURPLE and FLOWER.

13. (C) $\text{EXPANSION} \rightarrow 248537693$

$$\therefore \text{PENSION} \rightarrow 8237693$$

14. (C) As,

$$\begin{aligned} P &\rightarrow X \text{ and } N \rightarrow G \\ U &\rightarrow P & A &\rightarrow Y \\ T &\rightarrow Q & V &\rightarrow M \\ R &\rightarrow S & I &\rightarrow O \\ E &\rightarrow T & G &\rightarrow W \\ F &\rightarrow R & A &\rightarrow Y \\ Y &\rightarrow L & T &\rightarrow Q \\ & & E &\rightarrow T \end{aligned}$$

Similarly,

$$\begin{aligned} A &\rightarrow Y \\ V &\rightarrow M \\ I &\rightarrow O \\ A &\rightarrow Y \\ R &\rightarrow S \\ Y &\rightarrow L \end{aligned}$$

15. (D) As, there is effect of fast as hunger. Similarly, the effect of race is fatigue.

16. (D) The opposite word of antonym is synonym. Similarly, the opposite word of analysis is summarise.

$$\begin{aligned} 17. (D) \text{ As, } & F \xrightarrow{-1} E \\ & L \xrightarrow{-2} J \\ & R \xrightarrow{-3} O \\ & X \xrightarrow{-4} T \end{aligned}$$

$$\text{Similarly, } \begin{aligned} C &\xrightarrow{-1} B \\ K &\xrightarrow{-2} I \\ T &\xrightarrow{-3} Q \\ Y &\xrightarrow{-4} U \end{aligned}$$

18. (C) As,

$$\begin{aligned} B + Y &= 27 \\ E + V &= 27 \\ H + S &= 27 \\ K + P &= 27 \end{aligned}$$

$$\text{Similarly, } \begin{aligned} A + Z &= 27 \\ D + W &= 27 \\ G + T &= 27 \\ J + Q &= 27 \end{aligned}$$

19. (B) As,

$$\begin{aligned} C &\rightarrow 3, L \rightarrow 12 \\ \frac{C}{L} &= \frac{12 \times (3-1)}{3 \times 9} = \frac{24}{27} \end{aligned}$$

Similarly,

$$\begin{aligned} E &\rightarrow 5, N \rightarrow 14 \\ \frac{E}{N} &= \frac{14 \times (5-1)}{5 \times 9} = \frac{56}{45} \end{aligned}$$

20. (A) As, the numbers of factor are same of 68 and 130. Similarly, the numbers of factor are same of 210 and 350.

$$68 = 2 \times 2 \times 17$$

$$\text{and } 130 = 2 \times 5 \times 13$$

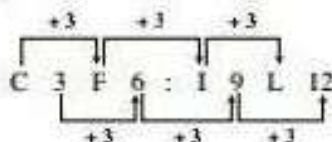
$$\text{Similarly, } 210 = 2 \times 3 \times 5 \times 7$$

$$\text{and } 350 = 2 \times 5 \times 5 \times 7$$

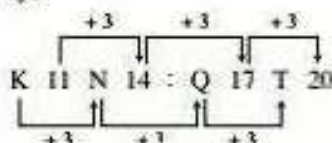
21. (A) As, $128 : 96 = \frac{4}{3}$

$$\text{Similarly, } 244 : 183 = \frac{4}{3}$$

22. (C) As,

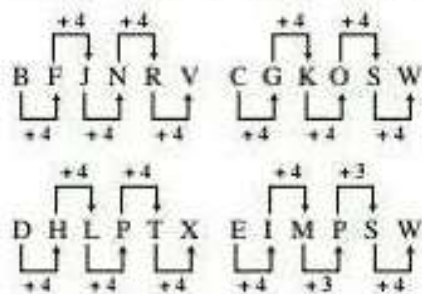


Similarly,



23. (A) All the rest are represent the pair of husband-wife.
 24. (C) All the rest game are related to table.
 25. (B) All the rest have two letters as consonant.
 26. (C) All the rest have only one letter as vowel.

27. (D)



28. (B) $81 = (3)^4$,

$$16 = (2)^4,$$

$$625 = (5)^4$$

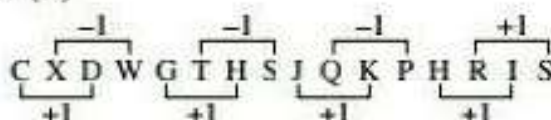
$$\text{But, } 8 = 2^3$$

29. (D) All the rest have first number completely divisible by second number but 824 is not divisible by 14.

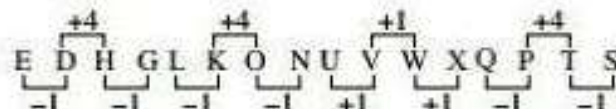
30. (A) $\frac{20-14}{3} = 2$

$$\text{Similarly, } \frac{13-7}{3} = 2$$

31. (D)



32. (D) All the rest are parts of animal.
 33. (C) In all the rest inner design is a quadrilateral.
 34. (D) In all the rest, the difference between the two numbers is 10.
 35. (A) In all the rest, the ball is between two feet.
 36. (C) In all the rest, the numbers are even.
 37. (A) The speed of the Giraffe is the highest.
 38. (C)



39. (A) All the rest are related to the book-topic.
 40. (D) In all the rest, second is the work-field of the first.
 41. (B) In all the rest, the direction of arrows is North-East.
 42. (D) As in Biography, there is the description from the early to end of the Man, similarly in History there is the description from early to end of the Nation.

43. (C) As crop is found from the farm, similarly Ore is found from the Mine.

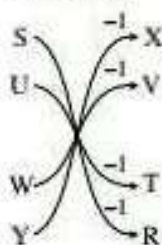
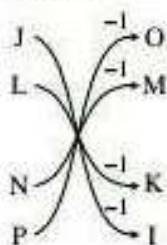
44. (D) From P.F. (1) to (2) one side of the main design is decreased and both inner black spots come out while one white spot is increased inside.

45. (C) As, $21 \rightarrow 2 + 1 = 3$
 Similarly, $574 \rightarrow 5 + 7 + 4 = 16$
 and $97 \rightarrow 9 + 7 = 16$.

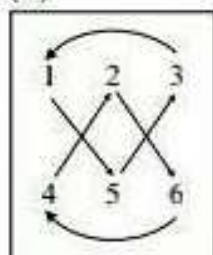
46. (D) As,
- $$B \xrightarrow{-1} A$$
- $$E \xrightarrow{+1} F$$
- $$L \xrightarrow{-1} K$$
- $$L \xrightarrow{+1} M$$
- Similarly,
- $$D \xrightarrow{-1} C$$
- $$O \xrightarrow{+1} P$$
- $$O \xrightarrow{-1} N$$
- $$R \xrightarrow{+1} S$$

47. (B) As, $(11)^2 - 2 = 119$ Similarly, $(15)^2 - 2 = 223$

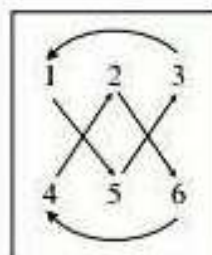
48. (C) As, Similarly,

49. (B) As, $\begin{array}{c} 2 \quad 0 \\ \hline (2)^3 - 8 \end{array}$ Similarly, $\begin{array}{c} 3 \quad 19 \\ \hline (3)^3 - 8 \end{array}$

50. (B)



From (I) to (II)



From (III) to (IV)

Part—II English Language

Directions—In questions (1 to 5) some of the sentences have errors and some are correct. Find out which part of a sentence has an error and blacken the rectangle (■) corresponding to the appropriate letter (A), (B), (C). If a sentence is free from errors, blacken the rectangle corresponding to (D) in the Answer Sheet.

- The children's dog / slept quietly / in their
(A) (B) No error.
(C) (D)
- When Anand reached the village / he found
(A) (B)
that / reports about him preceded him.
(C) No error.
(D)

- Our success or our failure / largely depend /
(A) (B) No error.
upon our actions. (C) (D)
- The poor man / poisoned him / and his own
(A) (B) (C) No error.
children. (D)
- It was in 2006 / that we first flew / to the
(A) (B) No error.
United States. (C) (D)

Directions—In questions (6 to 10) sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four and indicate it by blackening the appropriate rectangle (■) in the Answer Sheet.

- As the bare mountains turned green, the people found looking forward to spring.
(A) they (B) them
(C) their (D) themselves
- We must help to the people hit by the cyclone.
(A) contribute (B) summon
(C) impart (D) render
- The metals and minerals sector currently highly volatile.
(A) are (B) is
(C) was (D) were
- We should not mix with those people who have an reputation.
(A) unsavoury (B) unsteady
(C) unsafe (D) unsanctified
- It was said of Akbar that he rarely more than three hours a day.
(A) sleeps (B) is sleeping
(C) had slept (D) slept

Directions—In questions (11 to 15) out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

- appear
(A) see (B) allow
(C) seem (D) enter

12. cease
(A) stop (B) lapse
(C) close (D) arrest
13. liability
(A) debt (B) debit
(C) asset (D) credit
14. integration
(A) symmetry (B) unity
(C) coordination (D) compromise
15. discriminate
(A) compare (B) distinguish
(C) comprehend (D) connect

Directions—In questions (16 to 20) choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

16. block
(A) clean (B) ease
(C) cure (D) clear
17. vanity
(A) honesty (B) truthfulness
(C) modesty (D) decency
18. negligent
(A) inattentive (B) imprudent
(C) insignificant (D) careful
19. neat
(A) sloppy (B) fragrant
(C) spruce (D) orderly
20. wicked
(A) cunning (B) good
(C) tricky (D) crooked

Directions—In questions (21 to 25) four alternatives are given for the **bold** idiom/phrase. Choose the alternative which best expresses the meaning of the given idiom/phrase and blacken the appropriate rectangle (■) in the Answer Sheet.

21. There was a job for me **to cut my teeth on**.
(A) to gain experience
(B) to try
(C) to sharpen my wits
(D) to earn a decent salary
22. The **carrot and stick** policy pays dividends in every organisation.

- (A) fair and foul
(B) continuous vigilance
(C) democratic
(D) reward and punishment

23. Unless you **grease his palms** he will not do your work.
(A) talk to him (B) flatter him
(C) beat him (D) bribe him
24. The police **closed the book on** the murder case.
(A) solved the case of
(B) stopped working on
(C) handed the case over to another agency
(D) refused to take up
25. His arguments **cut no ice with me**.
(A) had no influence on me
(B) did not hurt me
(C) did not benefit me
(D) did not make me proud

Directions—In questions (26 to 30) a part of the sentence is **bold**. Below are given alternatives to the **bold** part at (A), (B) and (C) which may improve the sentence. Choose the correct alternative. In case no improvement is needed your answer is (D).

26. I prefer to **ride than to walk**.
(A) ride to walk
(B) riding than walking
(C) riding to walking
(D) No improvement
27. They were astonished **through** his failure in the examination.
(A) from (B) at
(C) with (D) No improvement
28. The increasing sale of luxuries is an **index** of the country's prosperity.
(A) appendix
(B) pointer
(C) mark
(D) No improvement
29. When are you **starting** to write to your friend?
(A) wanting (B) going
(C) thinking (D) No improvement

30. If I was you I would not sign the document.

- (A) If I have been you
(B) If I were you
(C) If I had been you
(D) No improvement

Directions—In questions (31 to 35) out of the four alternatives choose the one which can be substituted for the given words/sentence.

31. High sea waves caused by underwater earthquake—

- (A) Tsunami (B) Tornado
(C) Hurricane (D) Cyclone

32. To give one's authority to another—

- (A) Assign (B) Delegate
(C) Represent (D) Designate

33. One who intervenes between two or more parties to settle differences—

- (A) Neutral (B) Intermediary
(C) Judges (D) Connoisseur

34. The absence of law and order—

- (A) Rebellion (B) Mutiny
(C) Revolt (D) Anarchy

35. A voice that cannot be heard—

- (A) Unheard (B) Faint
(C) Audible (D) Inaudible

Directions—In questions (36 to 40) groups of four words are given. In each group, one word is correctly spelt. Find the correctly spelt word and mark your answer in the Answer Sheet.

36. (A) embarrassed (B) embarassed
(C) embarrassed (D) embarased

37. (A) seperately (B) separately
(C) seperatley (D) separatly

38. (A) occurence (B) occurrence
(C) ocurence (D) occurance

39. (A) pidistrian (B) pedestrian
(C) pedestrian (D) pidestrian

40. (A) budgetery (B) bugetary
(C) budgetary (D) budgetry

Directions—In the following passage questions 41 to 50, some of the words have been left out. First read the passage over and try to understand what it is about. Then fill in the with the

blank help of the alter-natives given. Mark your answer in the Answer Sheet.

When Anil passed his final university examination and got his ...41... he decided to ...42... and invited all his friends to a party to be ...43... the following Sunday. He spent most of that Saturday ...44... things ready and at 7:40 the first guest arrived. After that a steady ...45... of people ...46... and Anil was busy chatting to people and introducing them to one another. Anil had a wide ...47... of friends and not everyone at the party knew everyone ...48... 'A party is always a good way to break the ...49... and get people talking', Anil thought. The party soon got going and there was a feeling of relief at the ...50... that the examinations were over and that a long summer holiday lay ahead.

41. (A) licence (B) bachelorhood
(C) degree (D) diploma

42. (A) celebrate (B) feast
(C) entertain (D) commemorate

43. (A) planned (B) celebrated
(C) offered (D) held

44. (A) preparing (B) putting
(C) getting (D) doing

45. (A) stream (B) current
(C) river (D) movement

46. (A) turned out (B) turned up
(C) turned in (D) turned down

47. (A) number (B) group
(C) circle (D) round

48. (A) else (B) other
(C) different (D) person

49. (A) silence (B) atmosphere
(C) monotony (D) ice

50. (A) subject (B) point
(C) fact (D) matter

Answers

- | | | | | |
|---------|---------|---------|---------|---------|
| 1. (D) | 2. (C) | 3. (B) | 4. (B) | 5. (D) |
| 6. (B) | 7. (D) | 8. (A) | 9. (A) | 10. (D) |
| 11. (C) | 12. (A) | 13. (A) | 14. (B) | 15. (A) |
| 16. (D) | 17. (C) | 18. (A) | 19. (D) | 20. (B) |
| 21. (A) | 22. (D) | 23. (D) | 24. (B) | 25. (A) |

26. (A) 27. (B) 28. (B) 29. (B) 30. (B)
 31. (A) 32. (B) 33. (B) 34. (D) 35. (D)
 36. (A) 37. (B) 38. (B) 39. (C) 40. (C)
 41. (C) 42. (B) 43. (C) 44. (A) 45. (A)
 46. (A) 47. (C) 48. (A) 49. (D) 50. (B)

Part—III Quantitative Aptitude

Directions—(Q. 1–25) What will come in place of question mark (?).

1. $2\frac{1}{2} + 2\frac{1}{2} + 2\frac{1}{2} + 2\frac{1}{2} = ?$
 (A) $\frac{5}{2}$ (B) $\frac{2}{5}$
 (C) 0.16 (D) 1.6
 (E) None of these
2. $44 \times 44 \div 11 - ? = 150$
 (A) 26 (B) 20
 (C) 23 (D) 25
 (E) None of these
3. $\frac{4 \cdot 4 \times 4 \cdot 4 - 2 \cdot 2 \times 2 \cdot 2}{4 \cdot 4 - 2 \cdot 2} = ?$
 (A) 2.2 (B) 4.4
 (C) 6.6 (D) 5.5
 (E) None of these
4. $\frac{1}{4} + 3\frac{1}{2} - 1\frac{1}{4} + 1\frac{1}{2} = ?$
 (A) $2\frac{1}{2}$ (B) $5/21$
 (C) 3 (D) 4
 (E) None of these
5. $0.121 + 0.00121 + 0.000121 = ?$
 (A) 0.122331 (B) 0.3630
 (C) 0.00363 (D) 0.212331
 (E) None of these
6. $6^{2.3} \times 6^{4.3} \times 6^{5.3} = ?$
 (A) $4^{40.27}$ (B) $6^{10.9}$
 (C) $6^{12.9}$ (D) $6^{11.9}$
 (E) None of these
7. $? \div 125 \times 25 = 500$
 (A) 125 (B) 225
 (C) 325 (D) 425
 (E) None of these
8. $225 \times 125 \div ? = 225$
 (A) 125 (B) $1/125$
 (C) 25 (D) $1/25$
 (E) None of these
9. $25\% \text{ of } 25\% \div 5 \times 6 = ?$
 (A) $1\frac{4}{5}$ (B) $2\frac{6}{5}$
 (C) $9\frac{2}{3}$ (D) 2.5
 (E) None of these
10. $6 \cdot 2 \times ? = 12462$
 (A) 2010 (B) 2020
 (C) 1020 (D) 2030
 (E) None of these
11. $11 \times 11 + (?)^2 + 13 \times 13 = 1068$
 (A) 8 (B) 6
 (C) 5 (D) 11
 (E) None of these
12. $2\frac{1}{2} - 5\frac{2}{3} + 1\frac{1}{5} + 1\frac{1}{5} = ?$
 (A) $\frac{13}{6}$ (B) $-\frac{13}{6}$
 (C) $\frac{6}{13}$ (D) $-\frac{6}{13}$
 (E) None of these
13. $33 \times 33 - ?^{1/2} + 10 \times 10 = 1068$
 (A) 11^4 (B) 11^5
 (C) 10^4 (D) 10^5
 (E) None of these
14. $10 \times 10\% \div 10\% - 5 = ?$
 (A) 5 (B) 6
 (C) 3 (D) 2
 (E) None of these
15. $5 \cdot 2 \times 5 \cdot 1 \times 5 \cdot 0 = ?$
 (A) 5.55 (B) 1.250
 (C) 0.125 (D) 130.50
 (E) None of these
16. $7 \cdot 005 - 2 \cdot 889 = ?$
 (A) 4.006 (B) 4.116
 (C) 4.216 (D) 4.661
 (E) None of these

17. $\frac{2.5 \times 3.5 - 1.5}{0.1 \times 0.1} = ?$
 (A) 0.0725 (B) 725
 (C) 7.25 (D) 0.725
 (E) None of these
18. $0.\overline{5} + 0.\overline{3}$ of $0.\overline{11} = ?$
 (A) 528 (B) 891
 (C) 530 (D) 890
 (E) None of these
19. $\sqrt{11} \times (11)^{1/2} = ?$
 (A) $(11)^{4-3}$ (B) $(11)^{5-3}$
 (C) $(11)^{1/2}$ (D) $(11)^{12}$
 (E) None of these
20. $A^{2/3} \times A^{3/2} \times A^{1/2} = ?$
 (A) $A^{8/3}$ (B) $A^{3/8}$
 (C) $A^{1/8}$ (D) $A^{2/5}$
 (E) None of these
21. $(10)^{0.25} \times (10)^{0.50} \times 10^{0.100} = ?$
 (A) $10^{20/17}$ (B) $10^{17/20}$
 (C) $10^{5/17}$ (D) 10^{33}
 (E) None of these
22. $5 \times 3 \times 8 \times 2 - 2 \times 8 = ?$
 (A) 224 (B) 226
 (C) 228 (D) 230
 (E) None of these
23. $303 \times 125 - 25 \times 201 = ?$
 (A) 31850 (B) 30850
 (C) 32850 (D) 32750
 (E) None of these
24. $(7^2)^3 + 7^3 = ?$
 (A) 7^3 (B) 7^2
 (C) 7^9 (D) 7
 (E) None of these
25. $3.2 \times 1.1 - 1.1 \times 3.3 + 3.3 \times 2 = ?$
 (A) 6.49 (B) 5.49
 (C) 64.9 (D) 54.9
 (E) None of these
26. A man has 3 bags costed ₹ 30 each. In how much amount should he sell them to get the profit of 12%?
 (A) ₹ 100.80 (B) ₹ 98.80
 (C) ₹ 110 (D) ₹ 102.60
 (E) None of these
27. The ratio of two numbers is 2 : 3. If 20 is subtracted by each number, the ratio becomes 1 : 2. The numbers are—
 (A) 40, 60 (B) 30, 50
 (C) 50, 70 (D) 10, 30
 (E) None of these
28. A man completes a work in 10 days by doing 5 hours per day. By doing 7 hours per day, he can complete this work in—
 (A) 12 days (B) 10 days
 (C) 7 days (D) 5 days
 (E) None of these
29. If the cost price of 3 items is equal to selling price of 5 items. How much loss in percentage will be made?
 (A) 20% (B) 30%
 (C) 40% (D) 50%
 (E) None of these
30. A square of 100 metre perimeter has its area—
 (A) 10000 m² (B) 1000 m²
 (C) 2500 m² (D) 625 m²
 (E) None of these
31. What will be the average of first 20 odd numbers?
 (A) 19 (B) 22
 (C) 20 (D) 12
 (E) None of these
32. In how many years, the interest of a money will be 3 times of the money by the rate of 2% yearly?
 (A) 50 (B) 150
 (C) 100 (D) 125
 (E) None of these
33. If 16% of x = 48% of y, then x : y will be—
 (A) 3 : 1 (B) 1 : 3
 (C) 2 : 3 (D) 3 : 2
 (E) None of these
34. A circle of 2π metre perimeter has its area—
 (A) π m² (B) 2π m²
 (C) π² m (D) 4π² m²
 (E) None of these

35. If $x^{\frac{1}{2}} = \sqrt{11}$ then, value of x will be—
 (A) 121 (B) $\sqrt{11}$
 (C) 11 (D) 22
 (E) None of these
36. Printed rate of a book is ₹ 250 and available at ₹ 225. What is the rate of discount ?
 (A) 10% (B) 15%
 (C) 20% (D) 12%
 (E) None of these
37. If $P^{-1/2} = \left(\frac{1}{25}\right)^2$, then the value of P will be—
 (A) 5^3 (B) 5^5
 (C) 5^8 (D) 5^2
 (E) None of these
38. The cost of $\frac{1}{2}$ metre sheet is ₹ 150, what will be the cost of 1 metre sheet ?
 (A) Approx. ₹ 43 (B) ₹ 43
 (C) ₹ 44 (D) Approx. ₹ 43-50
 (E) None of these
39. A boat can bear the weight of 4 men or 12 boys. How many boys can go with 3 men in the boat at a time ?
 (A) 6 boys (B) 3 boys
 (C) 9 boys (D) 2 boys
 (E) None of these
40. If $P - \frac{1}{P} = 6$, then the value of $P^2 + \frac{1}{P^2}$ will be—
 (A) 38 (B) 36
 (C) 37 (D) 40
 (E) None of these
41. The number of primes between 1 to 100 is—
 (A) 20 (B) 25
 (C) 30 (D) 18
 (E) None of these
42. 1 is—
 (A) Prime
 (B) Composite
 (C) Both Prime and Composite
 (D) Neither Prime nor Composite
 (E) None of these
43. A irrational number can be rational by the process of—
 (A) Squaring of itself
 (B) Cube of itself
 (C) Addition of itself
 (D) Both (A) and (B)
 (E) None of these
44. $n^2(n^2 - 1)$ is always divisible by—
 (A) 11 (B) 4
 (C) 12 (D) 10
 (E) None of these
45. If $x = \sqrt{6 + \sqrt{6 + \sqrt{6} + \dots}}$ then the value of x will be—
 (A) 2.5 (B) 3
 (C) 6 (D) 8
 (E) None of these
46. The square root of $(7 + 2\sqrt{10})$ will be—
 (A) $\sqrt{3} + \sqrt{10}$ (B) $\sqrt{6} + 1$
 (C) $2 + \sqrt{5}$ (D) $\sqrt{5} + \sqrt{2}$
 (E) None of these
47. The value of $\sqrt{P^3 \sqrt{P^3 \sqrt{P^3}}}$ is—
 (A) $P^{21/8}$ (B) $P^{27/8}$
 (C) $P^{1/27}$ (D) $P^{8/21}$
 (E) None of these
48. Mohan can complete his work in 3 days by doing 2 hours per day. How much work can be complete in one day ?
 (A) $\frac{1}{3}$ Part (B) $\frac{1}{2}$ Part
 (C) $\frac{1}{6}$ Part (D) $\frac{2}{3}$ Part
 (E) None of these
49. The ratio of two partners A and B is 2 : 3. If they share the profit of ₹ 3000. What will be their shares ?
 (A) 1200, 1800 (B) 600, 1200
 (C) 1800, 2400 (D) 300, 700
 (E) None of these
50. If 10% of 15 kg = $x\%$ of 12.5 kg, then value of x will be—
 (A) 12 (B) 12.5
 (C) 15 (D) 10
 (E) None of these

Answers with Explanations

$$1. (C) \frac{5}{2} \times \frac{2}{5} \times \frac{2}{5} \times \frac{2}{5} = \frac{4}{25} = 0.16$$

$$2. (A) ? = 44 \times 44 \div 11 - 150 \\ = 44 \times 4 - 150 = 26$$

$$3. (C) ? = \frac{(4.4 + 2.2)(4.4 - 2.2)}{(4.4 - 2.2)} \\ = 4.4 + 2.2 = 6.6$$

$$4. (D) ? = \frac{1}{4} + \frac{7}{2} - \frac{5}{4} + \frac{3}{2} \\ = \frac{1 + 14 - 5 + 6}{4} = \frac{16}{4} = 4$$

$$5. (A) ? = 0.121 + 0.00121 + 0.000121 \\ = 0.122331$$

$$6. (D) ? = 6^{23+43+53} \\ = 6^{119}$$

$$7. (E) \because ? \times \frac{1}{125} \times 25 = 500 \\ \therefore ? = 500 \times 5 = 2500$$

$$8. (A) \because \frac{225 \times 125}{?} = 225 \\ \therefore ? = 125$$

$$9. (E) \frac{25}{100} \times \frac{25}{100} \times \frac{1}{5} \times 6 ? \\ ? = \frac{3}{40}$$

$$10. (A) ? = \frac{12462}{6.2} = \frac{124620}{62} \\ = 2010$$

$$11. (E) \because 121 + (?)^2 + 169 = 1068 \\ \Rightarrow (?)^2 = 1068 - 290 = 778 \\ ? = \sqrt{778}$$

$$12. (B) ? = \frac{5}{2} - \frac{17}{3} + \frac{6}{5} \times \frac{5}{6} \\ = \frac{5}{2} - \frac{17}{3} + 1 \\ = \frac{15 - 34 + 6}{6} = -\frac{13}{6}$$

$$13. (A) \because 33 \times 33 - ?^{1/2} + 10 \times 10 \\ = 1068 \\ \therefore ?^{1/2} = 33 \times 33 + 10 \times 10 - 1068 \\ = 1189 - 1068 = 121$$

Squaring both sides

$$\therefore ? = 121 \times 121 = 14641$$

$$14. (A) ? = 10 \times \frac{10}{100} \times \frac{100}{10} - 5 = 5$$

$$15. (E) ? = 5.2 \times 5.1 \times 5.1 = 132.60$$

$$16. (B) ? = 7.005 - 2.889 = 4.116$$

$$17. (B) ? = \frac{8.75 - 1.5}{0.01} \\ = \frac{7.25}{0.01} = \frac{725}{1} = 725$$

$$18. (E) ? = 0.\bar{5} + 0.\bar{3} \text{ of } 0.\bar{11} \\ = \frac{5}{9} + \frac{3}{9} \times \frac{11}{99} \\ = \frac{5}{9} + \frac{33}{891} = \frac{495 + 33}{891} \\ = \frac{528}{891}$$

$$19. (A) ? = \sqrt{11} \times (11)^{1/2} \\ = \sqrt{11} \times \sqrt{11} = 11 \\ = (11)^{4-3}$$

$$20. (A) A^{\frac{2}{3} + \frac{3}{2} + \frac{1}{2}} = A^{\frac{4+9+3}{6}} \\ = A^{16/6} \\ = A^{8/3}$$

$$21. (B) ? = (10)^{0.25} \times (10)^{0.50} \times (10)^{0.25} \\ = 10^{(1/4)} \times 10^{(1/2)} \times 10^{(1/4)} \\ = 10^{(1/4) + (1/2) + (1/4)} = 10^{(17/20)}$$

$$22. (A) ? = 16(15-1) \\ = 16 \times 14 = 224$$

$$23. (C) ? = (300 + 3) \times 125 - 25 \times 201 \\ = 37500 + 375 - 5025 \\ = 37875 - 5025 \\ = 32850$$

$$24. (A) ? = 7^2 \times 3^{-3} = 7^3$$

$$25. (A) ? = 1.1(3.2 - 3.3 + 3 \times 2) \\ = 1.1(-0.1 + 6) \\ = 1.1 \times 5.9 = 6.49$$

$$26. (A) \text{ Reqd. S. P.} \\ = \frac{90 \times (100 + 12)}{100} \\ = \frac{90 \times 112}{100} \\ = ₹100.80$$

27. (A) Let the numbers are $2x$ and $3x$.

$$\therefore \frac{2x-20}{3x-20} = \frac{1}{2}$$

$$\Rightarrow 3x-4x = -40+20$$

$$\therefore x = 20$$

$$\text{1st number} = 2x = 2 \times 20 = 40$$

$$\text{2nd number} = 3x = 3 \times 20 = 60$$

$$\begin{aligned} 28. (E) \text{ Required days} &= \frac{10 \times 5}{7} = \frac{50}{7} \\ &= 7 \frac{1}{7} \text{ days} \end{aligned}$$

29. (C) Let the C.P. of 3 Items

$$= ₹ x$$

Selling price of 5 Items

$$= ₹ x$$

Selling price of 3 Items

$$= ₹ \frac{x}{5} \times 3$$

\therefore Loss on 3 Items

$$= x - \frac{3x}{5}$$

$$= \frac{5x-3x}{5} = \frac{2x}{5}$$

$$\begin{aligned} \therefore \text{Loss \%} &= \frac{2x}{5} \times \frac{100}{x} \% \\ &= 40\% \end{aligned}$$

30. (D) Side of the square

$$= \frac{100}{4} = 25\text{m}$$

$$\text{Reqd. area} = 25 \times 25 = 625 \text{ m}^2$$

31. (C) Sum of 1st 20 odds $= n^2$

$$= 20 \times 20$$

$$\begin{aligned} \therefore \text{Reqd. average} &= \frac{20 \times 20}{20} \\ &= 20 \end{aligned}$$

$$32. (B) \therefore 3P = \frac{P \times 2 \times T}{100}$$

$$T = \frac{3P \times 100}{P \times 2}$$

$$= 150 \text{ years}$$

$$33. (A) \therefore \frac{16 \times x}{100} = \frac{48 \times y}{100}$$

$$\Rightarrow x = 3y$$

$$\Rightarrow \frac{x}{y} = \frac{3}{1}$$

$$\therefore x : y = 3 : 1$$

$$34. (A) \therefore 2\pi r = 2\pi$$

$$\Rightarrow r = 1\text{m}$$

$$\begin{aligned} \therefore \text{Area} &= \pi r^2 \\ &= \pi \times 1 \times 1 = \pi \text{m}^2 \end{aligned}$$

$$35. (C) \therefore x^{1/2} = \sqrt{11}$$

$$\Rightarrow x^{1/2} = (11)^{1/2}$$

$$\therefore x = 11$$

$$36. (A) \text{ Discount} = 250 - 225$$

$$= ₹ 25$$

$$\begin{aligned} \text{Discount \%} &= \frac{25 \times 100}{250} \\ &= 10\% \end{aligned}$$

$$37. (C) \therefore P^{-1/2} = \left(\frac{1}{25}\right)^2$$

Squaring both sides

$$\Rightarrow \frac{1}{P} = \left(\frac{1}{25}\right)^4$$

$$\therefore P = (25)^4 = 5^8$$

$$38. (A) \text{ Cost of } \frac{7}{2} \text{ metre} = ₹ 150$$

$$\therefore \text{Cost of 1 metre} = \frac{150 \times 2}{7}$$

$$= ₹ 42.86$$

$$= ₹ 43 \text{ (Approx.)}$$

$$39. (B) \therefore 4 \text{ men} = 12 \text{ boys}$$

$$\therefore 1 \text{ man} = 3 \text{ boys}$$

$$\therefore 3 \text{ men} = 3 \times 3 = 9 \text{ boys}$$

$$\text{Required boys} = 12 - 9$$

$$= 3 \text{ boys}$$

$$40. (A) \therefore P - \frac{1}{P} = 6 \text{ Squaring both sides}$$

$$\Rightarrow P^2 + \frac{1}{P^2} - 2P \cdot \frac{1}{P} = 36$$

$$\therefore P^2 + \frac{1}{P^2} = 36 + 2$$

$$= 38$$

$$41. (B) \text{ Primes between 1 to 100} = 25.$$

$$42. (D) \text{ Neither prime nor composite.}$$

$$43. (A) \text{ Squaring of itself.}$$

44. (C) Put $n = 2, 3$ in the exp.

$$(2)^2 (2^2 - 1) = 4 \times 3 = 12$$

$$3^2 \times 3^2 - 1 = 9 \times 8 = 72$$

\therefore Expression is divisible by 12.

45. (B) $\because x = \sqrt{6+x}$

$$\Rightarrow x^2 = (\sqrt{6+x})^2$$

$$\Rightarrow x^2 - x - 6 = 0$$

$$\Rightarrow (x-3)(x+2) = 0$$

$$\therefore x = 3$$

46. (D) $\because 7 + 2\sqrt{10}$

$$= 5 + 2 + 2\sqrt{5} \cdot \sqrt{2}$$

$$= (\sqrt{5})^2 + (\sqrt{2})^2 + 2\sqrt{5}\sqrt{2}$$

$$= (\sqrt{5} + \sqrt{2})^2$$

$$\therefore \sqrt{7 + 2\sqrt{10}} = (\sqrt{5} + \sqrt{2})$$

47. (A) Given exp. = $[P^3]^{1-1/2^3}$

$$= [P^3]^{1-1/8}$$

$$= [P^3]^{7/8}$$

$$= P^3 \times 7/8 = P^{21/8}$$

48. (A) \because In 3 days = 1 work

$$\therefore 1 \text{ day} = \frac{1}{3} \text{ Part of work}$$

49. (A) Part of A = $\frac{3000 \times 2}{5}$

$$= ₹ 1200$$

Part of B = $\frac{3000 \times 3}{5}$

$$= ₹ 1800$$

50. (A) $\because \frac{10}{100} \times 15 = \frac{x}{100} \times 12.5$

$$\therefore x = \frac{10 \times 15}{12.5} = 12$$

Part—IV General Awareness

1. Production function refers to the functional relationship between input and—

- (A) product (B) produce
(C) output (D) service

2. 'Self Reliance' was the main objective of—

- (A) Fourth Plan (B) Seventh Plan
(C) Third Plan (D) Sixth Plan

3. District Judge is under the control of—

- (A) State Government
(B) High Court
(C) Supreme Court
(D) Governor

4. What is meant by social justice ?

- (A) All should have same economic rights
(B) All should have same political rights
(C) All kind of discrimination based on caste, creed, colour and sex should be eliminated
(D) All should be granted right to freedom of religion

5. are essential for liberty.

- (A) Restrictions (B) Rights
(C) Privileges (D) Laws

6. Name the country which launched the first Satellite 'Sputnik' into the space.

- (A) United States of America
(B) Soviet Union
(C) Japan
(D) England

7. Who is commonly known as the Iron Man ?

- (A) Sardar Vallabh Bhai Patel
(B) Vittal Bhai Patel
(C) Bal Gangadhar Tilak
(D) Bipin Chandra Pal

8. Mahavira's first disciple was—

- (A) Bhadrabahu (B) Sthulabhadra
(C) Charvaka (D) Jamali

9. Which of the following is the most numerous tribe in India ?

- (A) Todas (B) Bhils
(C) Garos (D) Gonds

10. Soils of Western Rajasthan have a high content of—

- (A) Aluminium (B) Calcium
(C) Nitrogen (D) Phosphorus

11. Activity of an enzyme can be modulated by change of—
(A) pH (B) Light
(C) Humidity (D) Rainfall
12. Proteins are digested by—
(A) Proteases (B) Amylases
(C) Lipases (D) Nucleases
13. Jaundice is a disease which affects—
(A) Heart (B) Liver
(C) Spleen (D) Gall bladder
14. Which metal is the heaviest in periodic table among the following ?
(A) Os (B) Pt
(C) Pb (D) W
15. The chemical formula of the laughing gas is
(A) NO (B) N₂O
(C) NO₂ (D) N₂O₃
16. Outside of cooking utensils are generally left black from below because—
(A) it is difficult to clean daily
(B) black surface is a good conductor of heat
(C) black surface is a poor conductor of heat
(D) black surface is a good absorber of heat
17. The colour of the sky appears blue due to—
(A) reflection
(B) refraction
(C) scattering of shorter wave-lengths
(D) dispersion
18. GUI stands for—
(A) Graphical User Interface
(B) Graphical User Information
(C) Graphical User Interaction
(D) Graphical User Instruction
19. Indian Council of Forestry Research and Education is located in—
(A) Dehradun (B) Ranchi
(C) New Delhi (D) Raipur
20. Cholesterol is absent in
(A) Groundnut oil (B) Butter oil
(C) Butter milk (D) Ice Cream
21. 'Bhangra' is a dance of—
(A) Haryana (B) Rajasthan
(C) Delhi (D) Punjab
22. 'Dandia' is a popular dance of—
(A) Gujarat (B) Assam
(C) Jharkhand (D) Maharashtra
23. 'Natya Shastra' was written by—
(A) Bharat Muni (B) Narad Muni
(C) Jhandu Muni (D) Vyas Muni
24. Vardhman Mahavir is also known as—
(A) Jena (B) Great teacher
(C) Great Preacher (D) Jain
25. 'Ranji Trophy' is associated with—
(A) Hockey (B) Football
(C) Cricket (D) Kabaddi
26. Euclid was—
(A) Greek Mathematician
(B) Contributor to the use of deductive principles of logic as the basis of geometry
(C) Propounded the geometrical theorem
(D) All of these
27. Goa Shipyard Limited (GSL) was established in—
(A) 1958 (B) 1957
(C) 1956 (D) 1955
28. Who was the first Indian Chief of Army Staff of the Indian Army ?
(A) Gen. K. M. Cariappa
(B) Vice-Admiral R. D. Khatri
(C) Gen. Maharaja Rajendra Singhji
(D) None of these
29. FRS stands for—
(A) Fellow Research System
(B) Federation of Regulation Society
(C) Fellow of Royal Society
(D) None of these
30. Golden Temple, Amritsar is India's—
(A) Oldest Gurudwara
(B) Largest Gurudwara
(C) Both A and B are correct
(D) None of these
31. Which of the following pairs is *wrong* ?
(A) K. M. Chandy—Governor
(B) Bhagwant Rao Mandloi—Chief Minister

- (C) Digvijay Singh—Opposition Leader, Legislative Assembly
(D) Kunil Lal Dubey—Speaker, Legislative Assembly
32. Where is Usha Raje Stadium located ?
(A) Rewa (B) Gwalior
(C) Indore (D) Bhopal
33. Which of the following districts is *not* included among three districts having minimum schedule tribe population ?
(A) Bhind (B) Datiya
(C) Shajapur (D) Mandla
34. In which of the following is Cement Sheet Industry located ?
(A) Balaghat (B) Katni
(C) Hoshangabad (D) Tikamgarh
35. District Khandwa is famous for the production of—
(A) Onion (B) Opium
(C) Wheat (D) Rice
36. Where is the largest Asian Factory of Soybean situated ?
(A) Ujjain (B) Bhopal
(C) Dhar (D) Jabalpur
37. Where is the Mazar of Baba Shahabuddin located ?
(A) Nimad (B) Neemuch
(C) Seoni (D) Narsinghpur
38. Which of the following pairs is *correct* ?
(A) Makbara of Hoshangabad —Bhopal
(B) Makbara of Nawab Hasan —Mandu
(C) Makbara of Gaus Mohammed —Shivpuri
(D) Samadhi of Jhalkaribai —Mandla
39. The State sport of Madhya Pradesh is—
(A) Kabaddi (B) Karate
(C) Malkhamb (D) Hockey
40. In which district is the 'Hira Bhumiya Fair' organised ?
(A) Dewas (B) Dhar
(C) Gwalior (D) Balaghat
41. With which country's collaboration AGASOH (Beena) Oil Refinery has been set up ?
(A) Kuwait (B) Iraq
(C) Jordan (D) Oman
42. Which of the following works is *not* composed by Bhavbhuti ?
(A) Uttar Ramcharit
(B) Niti Shatak
(C) Malati Madhav
(D) Mahavir Charitra
43. Which of the following works is *not* composed by Makhan Lal Chaturvedi ?
(A) Banwasi (B) Samarpan
(C) Samay Ke Paon (D) Jhansi Ki Rani
44. In which year 'Ram Roti Yojana' was started by Madhya Pradesh Government ?
(A) 2008 (B) 2009
(C) 2010 (D) 2011
45. For which Act, Madhya Pradesh was given United Nations Public Service Award—
(A) Public Service Guarantee Act
(B) Right to Information Act
(C) Old Aged Service Act
(D) Child Service Act
46. Grampani Sanctuary is located at—
(A) Junagarh, Gujarat
(B) Diphu, Assam
(C) Kohima, Nagaland
(D) Gangtok, Sikkim
47. FFC stands for—
(A) Federation of Football Council
(B) France Finance Corporation
(C) Foreign Finance Corporation
(D) Film Finance Corporation
48. Fastest shorthand writer was—
(A) Dr. G. D. Bist (B) J. R. D. Tata
(C) J. M. Tagore (D) Khudada Khan
49. Golf player Vijay Singh belongs to which country ?
(A) U.S.A. (B) India
(C) Fiji (D) U. K.
50. First Afghan war took place in—
(A) 1833 (B) 1839
(C) 1840 (D) 1848

Answers with Explanations

1. (C) 2. (B) 3. (B) 4. (C) 5. (B)
6. (B) 7. (A) 8. (D) 9. (D) 10. (B)
11. (A) 12. (A) 13. (B) 14. (A) 15. (B)
16. (D) 17. (C) 18. (A) 19. (A) 20. (D)
21. (D) 22. (A) 23. (A) 24. (A) 25. (C)
26. (D) 27. (B) 28. (A)
29. (C) FRS stands for Fellow of Royal Society.
30. (C) Golden Temple is India's oldest and biggest Gurudwara.
31. (C) Digvijay was the leader of ruling party not of opposition party.
32. (C) 33. (D) 34. (B) 35. (A) 36. (A)
37. (B) 38. (A)
39. (C) Although now-a-days—cricket, hockey, badminton etc. are very popular, but traditionally Malkhamb is a state sport of Madhya Pradesh.
40. (C) Hira Bhumiya Fair is organised in Gwalior during Bhadon to be run for a month or so.
41. (D) AGASOH (Beena) Oil Refinery has been set up with the collaboration of Oman.
42. (B) Bhavbhuti did not compose 'Niti Shatak'.
43. (D) Makhan Lal Chaturvedi did not compose Jhansi Ki Rani.
44. (C) 'Ram Roti Yojana' was launched by M. P. Government in the year 2010, with the objective to provide food for ₹ 5 only.
45. (A)
46. (B) Grampani Sanctuary is located at Diphu, Assam.
47. (D) FFC stands for Film Finance Corporation.
48. (A) 49. (C) 50. (B)