

PART - I

Each question carries one mark.

50 × 1 = 50

SECTION - A

TEST OF PROFICIENCY IN ENGLISH LANGUAGE

Direction (Question Nos. 1 to 2) : Choose from the alternatives the antonyms of the underlined words :

1. He has a reputation for intellectual arrogance.

- (A) superiority (B) inferiority
(C) ignorance (D) humility.

2. The soldier showed great courage in battle.

- (A) bravery (B) discouragement
(C) cowardice (D) fearfulness.

Direction (Question Nos. 3 to 4) : Choose from the alternatives the most appropriate transformation of the given sentence :

3. I will not come if you don't invite me.

- (A) I will come unless you invite me
(B) I won't come unless you invite me
(C) I won't come unless you don't invite me
(D) I will come even if you don't invite me.

4. Sachin is the greatest Indian batsman.

- (A) No Indian batsman is so great as Sachin
(B) Very few Indian batsmen are as great as Sachin
(C) No other Indian batsman is so great as Sachin
(D) No other Indian batsman is greater than Sachin.

SPACE FOR ROUGH WORK

Direction (Question Nos. 5 to 6) : Choose from the alternatives the synonyms of underlined words :

5. Many people are in favour of a law permitting euthanasia.
(A) mercy killing (B) capital punishment
(C) marriage of the same sex (D) forgetfulness.
6. Some educationists suffer from a myopic outlook.
(A) confused (B) short-sighted
(C) sadistic (D) holistic.

Direction (Question Nos. 7 to 16) : Fill in the blanks choosing the appropriate answer from the alternatives :

7. One of Mahatma Gandhi's best friends was European.
(A) the (B) an
(C) a (D) some.
8. What's the time your watch ?
(A) in (B) by
(C) on (D) to.
9. I was looking forward you.
(A) to meet (B) to have met
(C) for meeting (D) to meeting.
10. Everyone brought lunch.
(A) his/her (B) their
(C) one's (D) everyone's.
11. The little boy with the dog.
(A) befriended (B) made friends
(C) made friendly (D) made friend.

SPACE FOR ROUGH WORK

12. The balloon when the child stepped on it.
(A) bursted (B) busted
(C) had bursted (D) burst.
13. If he hard, he would have succeeded.
(A) was worked (B) worked
(C) had worked (D) would have worked.
14. I would have attended the meeting if I time.
(A) had had (B) have had
(C) had (D) would have had.
15. Most people did not know the secret, only knew about it.
(A) a few (B) few
(C) none (D) less.
16. He knows about it,
(A) isn't he ? (B) isn't it ?
(C) didn't he ? (D) doesn't he ?

Direction (Question Nos. 17 to 18) : Fill in the blanks with the correct answer from the alternatives :

17. The novel "The Guide" was written by
(A) R. K. Narayan (B) Dr. U. R. Ananthamurthy
(C) Mulk Raj Anand (D) Raja Rao.
18. Shylock is a character in Shakespeare's
(A) As You Like It (B) Antony and Cleopatra
(C) The Merchant of Venice (D) Hamlet.

SPACE FOR ROUGH WORK

SECTION - B
GENERAL KNOWLEDGE

26. Shuddhi movement was started by
(A) Swami Vivekananda (B) Aurobindo Ghosh
(C) Swami Dayanand Saraswati (D) Raja Rammohan Roy.
27. Sushil Kumar who won a Gold Medal at an international event is a famous
(A) Wrestling Champion (B) Golf player
(C) Weightlifter (D) Hockey player.
28. Which Sikh Guru laid the foundation of the city of Amritsar ?
(A) Guru Nanak (B) Guru Ramdas
(C) Guru Arjun Dev (D) Guru Gobind Singh.
29. The expansion of ASHA is
(A) Accredited Social Health Activist
(B) Acknowledged Social Health Activist
(C) Accredited Scientific Health Activist
(D) Accredited Special Health Activist.
30. Which of the following is contributing mainly to low income compliance ?
(A) Large informal sector (B) Weak legal system
(C) Ambiguity in tax laws (D) All of these.
31. Regional Rural Banks are sponsored by
(A) RBI (B) NABARD
(C) State Apex Co-Operative Bank (D) Nationalised Commercial Bank.

SPACE FOR ROUGH WORK

32. 'Abuja' is the capital of
- (A) Nigeria (B) Kenya
- (C) Venezuela (D) Ecuador.
33. 'Click jacking' is
- (A) a device that sends and receives data in a bit second
- (B) malicious technique of tricking web users into revealing confidential information
- (C) a new form of computer engineering
- (D) a digital process that will display an image instantly.
34. Many a time we read a term 'PPP' in financial dailies/magazines. The full form of PPP is
- (A) Public Per-capita Power
- (B) Present Purchasing Power
- (C) Per-capita Potential Purchases
- (D) Purchasing Power Parity.
35. For calculation of poverty line in rural areas, which one of the following calorie consumptions per day per person has been stipulated by Planning Commission ?
- (A) 3000 (B) 2800
- (C) 2400 (D) 2100.
36. Which language was used in the literature of the Sangam period ?
- (A) Sanskrit (B) Tamil
- (C) Telugu (D) Kannada.

SPACE FOR ROUGH WORK

37. Convertibility of Rupee implies
- (A) being able to convert Rupee into gold
 - (B) allowing the value of Rupee to be fixed by market forces
 - (C) freely permitting the conversion of Rupee to other major currencies and vice-versa
 - (D) developing an international market for currencies in India.
38. Which state is known as 'Soya bowl' of the country ?
- (A) Bihar
 - (B) Orissa
 - (C) Madhya Pradesh
 - (D) Uttar Pradesh.
39. Who was famous as "Tuti-i-Hind" ?
- (A) Sadi
 - (B) Firdausi
 - (C) Amir Khusru
 - (D) Alberuni.
40. The overall weight of the composite food index in the WPI is
- (A) 15.20 per cent
 - (B) 10.03 per cent
 - (C) 25.43 per cent
 - (D) 30.01 per cent.
41. The headquarters of W.T.O. is located at
- (A) Washington D.C.
 - (B) Geneva
 - (C) New Delhi
 - (D) The Hague.
42. Varahamihira was
- (A) a poet
 - (B) a musician
 - (C) an astronomer
 - (D) a grammarian.
43. The major source of revenue in India is through
- (A) Direct taxes
 - (B) Deficit financing
 - (C) International borrowings
 - (D) Indirect taxes.

SPACE FOR ROUGH WORK

44. The largest Shiva temple at Tanjore was built by
(A) Rajendra Chola (B) Raja Raja Chola
(C) Chandelas (D) Rashtrakutas.
45. Dronacharya Award is given for excellence in
(A) Archery (B) Coaching in sports
(C) Literary work (D) Shooting.
46. The leader of Young Bengal movement was
(A) Dwarkanath Tagore (B) Chandrashekhar Deb
(C) Ishwar Chandra Vidyasagar (D) Henry Vivian Derozio.
47. The term 'Fiscal Crisis' in India currently refers primarily to
(A) increase in non-developmental government expenditure
(B) recurring deficit on current account in the government budget
(C) phenomenal increase in external indebtedness
(D) increase in public debt.
48. What is the percentage of lead in lead pencil ?
(A) 0% (B) 20%
(C) 25% (D) 60%.
49. During whose rule did the Ilbert Bill controversy take place ?
(A) Lord Curzon (B) Lord Lytton
(C) Lord Ripon (D) Lord Minto.
50. MOD VAT was introduced to achieve
(I) encouraging the use of indigenous intermediate products
(II) reducing the incidence of indirect taxes
(III) simplifying the procedure for collecting indirect taxes
(IV) integrating all indirect taxes into one coordinated tax.

Of these

- (A) I, II and III (B) II, III and IV
(C) I, II and IV (D) All of these.

SPACE FOR ROUGH WORK

PART - II

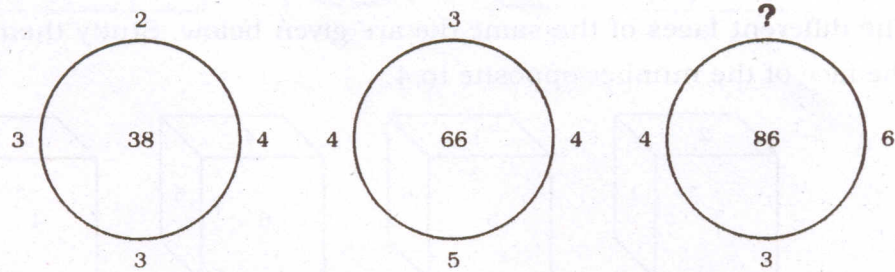
Each question carries one mark.

 $50 \times 1 = 50$

SECTION - C

TEST OF REASONING

51. The missing number in the following figure is



(A) 7

(B) 6

(C) 5

(D) 4.

52. In a class, Mala is ninth from the top, Suma is thirteenth from the last and Leela is exactly in between the middle of the two. If there are eight students between Mala and Leela, how many children are in the class ?

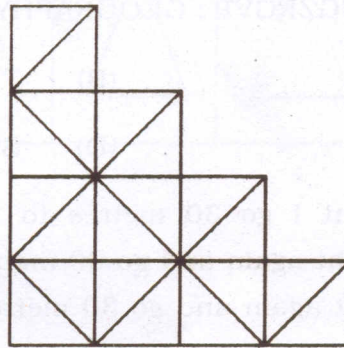
(A) 42

(B) 43

(C) 44

(D) 45.

53. Find the number of squares in the figure given below :



(A) 14

(B) 13

(C) 12

(D) 10.

SPACE FOR ROUGH WORK

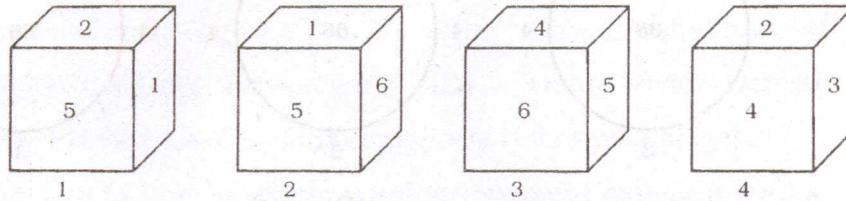
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54. Identify the wrong number in the following number series :

3, 12, 27, 44, 75, 108, 147

- (A) 27 (B) 44
(C) 108 (D) 147.

55. The different faces of the same die are given below. Study them carefully and find the face of the number opposite to 4.



- (A) 5 (B) 3
(C) 2 (D) 1.

56. Find the group of letters which does not belong to the group :

- (A) A C F J (B) D E G K
(C) G L P S (D) K N Q U

57. Complete the following analogy :

ARITHMETIC : NEVUGZRGVP : GEOGRAPHY : ?

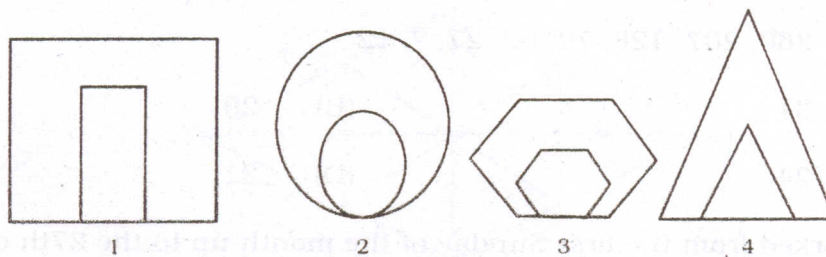
- (A) TRBTENCUL (B) TRASEMDVL
(C) RTTEBMCLU (D) STATENODU.

58. From a certain point I go 30 metres to the east, then I turn right and go 15 metres. I turn right again and go 30 metres. Now I turn left and go 15 metres and finally I turn left again and go 30 metres. The direction in which I am from the starting point is

- (A) North East (B) South East
(C) North West (D) South West.

SPACE FOR ROUGH WORK

59. Find the one which does not belong to the group :



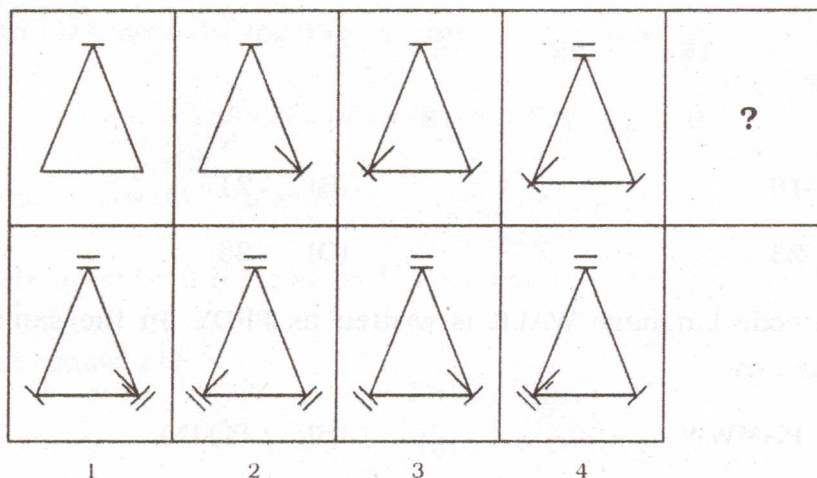
(A) 4

(B) 3

(C) 2

(D) 1.

60. Find the one which comes next :



(A) 1

(B) 2

(C) 3

(D) 4.

SPACE FOR ROUGH WORK

61. Find the missing number in the following series :

260, 207, 128, 72, 62, 27, ?, 12

- (A) 31 (B) 29
(C) 24 (D) 21.

62. I worked from the first Sunday of the month up to the 27th of the month, the day of the Annual General Body Meeting without having any holidays. The meeting of Board had taken place on Wednesday, fifteen days before the Annual General Body Meeting. On how many Sundays did I work ?

- (A) 2 (B) 3
(C) 4 (D) 5.

63. Find the missing number in the following matrix :

| | | | |
|--------|----|----|---------|
| | 12 | 34 | 14 |
| | 15 | 25 | 5 |
| | 9 | ? | 13 |
| (A) 16 | | | (B) 21 |
| (C) 23 | | | (D) 25. |

64. In a code language WALK is written as PPDY. In the same code STICK can be written as

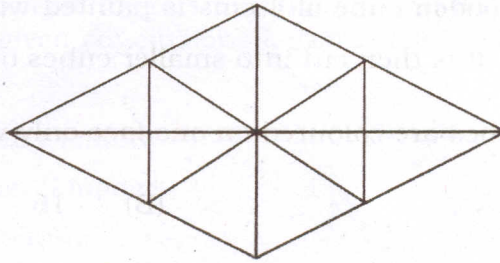
- (A) PHMWW (B) PQJNV
(C) QQHMMU (D) QHMMWU.

65. My mother is twice as old as my sister and my father is 24 years older than me. At the time of my sister's birth, I was 5. Now the age of my sister is 25. The difference in the age of my parents is

- (A) 7 years (B) 6 years
(C) 5 years (D) 4 years.

SPACE FOR ROUGH WORK

66. Find the number of triangles in the figure given below :



- (A) 16 (B) 24
(C) 28 (D) 32.

Direction (Question Nos. 67 to 68 are based on the following statements) : From amongst five men A, B, C, D and E and four women P, Q, R and S, a team of five is to be selected as per the conditions given below :

- i) A and D have to be together, B cannot be with E
- ii) E is to be with R and D cannot be with P
- iii) P and Q have to be together
- iv) There must be three men and two women.

67. The team consists of

- (A) A B C P Q (B) A D E R S
(C) B C E P O (D) A B P R S

68. If the team has five members and three are to be women then the team would be

- (A) A B P R S (B) A D Q R S
(C) C E P Q R (D) B C P Q R.

SPACE FOR ROUGH WORK

Direction (Question Nos. 69 to 70) : Study the following and answer the Question Nos. 69 & 70. A wooden cube of 4 cms is painted with red on four faces and green on two opposite faces. It is then cut into smaller cubes of one cubic cm each.

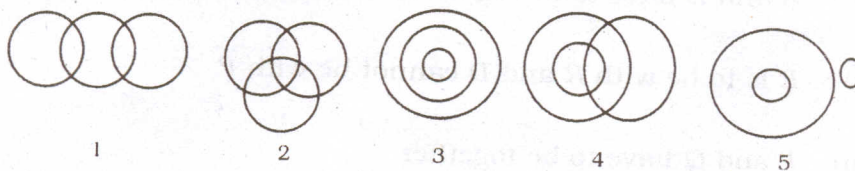
69. How many cubes are coloured on one face only with red colour ?

- (A) 8 (B) 16
(C) 24 (D) 32.

70. How many cubes are coloured with red on the three faces each ?

- (A) 0 (B) 4
(C) 8 (D) 16.

Direction (Question Nos. 71 to 72) : Venn diagrams in Question Nos. 71 and 72 represent the relationship among the items. Size of the circle is of no importance. Identify the Venn diagram which represent the relationship :



71. Which Venn diagram represents the relationship —

Housewives, employed, women ?

- (A) 5 (B) 4
(C) 2 (D) 1.

72. Which Venn diagram represents the relationship —

Sand-dunes, Forest, Desert ?

- (A) 5 (B) 4
(C) 3 (D) 2.

SPACE FOR ROUGH WORK

Direction (Question Nos. 73 to 74) : In Question Nos. 73 and 74 are given two statements followed by two conclusions numbered I and II. Taking the statements to be true, decide which of the given conclusions logically follows from the statements :

Mark :

- 1) if only conclusion I follows
- 2) if only conclusion II follows
- 3) if both I and II follows
- 4) if neither I nor II follows.

73. Statements :

- I. All planets are moons
- II. All moons are stars.

Conclusions :

- I. All moons are planets.
- II. All planets are stars.

- (A) 4 (B) 3
(C) 2 (D) 1.

74. Statements :

- I. All apples are oranges
- II. Some oranges are papayas.

Conclusions :

- I. Some apples are papayas
- II. Some papayas are apples.

- (A) 1 (B) 2
(C) 3 (D) 4.

75. The number of students and the mean of the marks obtained by the students of two sections of the 10th Standard are given below. Find the combined mean of the two groups.

| Section | Number of Students | Mean |
|---------|--------------------|------|
| A | 50 | 30 |
| B | 30 | 50 |

- (A) 40 (B) 37.5
(C) 35.5 (D) 34.

SPACE FOR ROUGH WORK

SECTION - D

TEST OF QUANTITATIVE ANALYSIS

Direction (Question Nos. 76 to 80) : Study the table and answer the questions given below :

Number of toys in five types manufactured by company over years (in 1000) :

| Years | Toys | | | | |
|-------|------|-----|-----|-----|----|
| | A | B | C | D | E |
| 1982 | 200 | 150 | 78 | 90 | 65 |
| 1983 | 150 | 180 | 100 | 105 | 70 |
| 1984 | 180 | 175 | 92 | 110 | 85 |
| 1985 | 195 | 160 | 120 | 125 | 75 |
| 1986 | 220 | 185 | 130 | 135 | 80 |

76. What was the percentage (approximate) increase in production of D type toys from 1983 to 1985 ?
- (A) 10 (B) 20
(C) 19 (D) 25.
77. In case of which type of toys was the total production of the given five years the maximum ?
- (A) C (B) B
(C) A (D) D.
78. What was the percentage drop on production of A type toys from 1982 to 1984 ?
- (A) 30 (B) 10
(C) 20 (D) 50.

SPACE FOR ROUGH WORK

79. In case of which type of toys was there a continuous increase in production over the years ?
- (A) B (B) A
(C) C (D) D.
80. The production of E toys in 1986 was what per cent production of B type toys in 1985 ?
- (A) 80 (B) 50
(C) 100 (D) 200.

Direction (Question Nos. 81 to 85) : Answer the questions independently of each other :

81. A person has a chemical of Rs. 25 per litre. In what ratio should water be mixed in that chemical so that after selling the mixture at Rs. 20 per litre he may get a profit of 25% ?
- (A) 9 : 16 (B) 16 : 9
(C) 5 : 4 (D) 4 : 5.
82. In a class of 25 students, 12 students have taken Economics, 8 have Economics but not Political Science. The number of students who have taken both Political Science and Economics is
- (A) 4 (B) 6
(C) 5 (D) 3.
83. A and B travel the same distance at 9 kmph and 10 kmph respectively. If A takes 36 minutes longer than B, the distance travelled by each is
- (A) 48 km (B) 54 km
(C) 60 km (D) 125 km.

SPACE FOR ROUGH WORK

84. The 20th term of the Arithmetic Progression 15, 13, 11, is - 23. The number of terms required to make the sum equal to zero is
- (A) 14 (B) 15
(C) 16 (D) 17.

85. Two women start together to walk to a certain destination, one at 3 kmph and another at 3.75 kmph. The latter arrives half an hour before the former. The distance is
- (A) 6 km (B) 7.5 km
(C) 8 km (D) 9.5 km.

Direction (Question Nos. 86 to 88) : Answer the questions independently of each other :

86. If $x = (12^2 + 13^2 + 14^2 - 15^2)$, then x divided by 50 leaves remainder of
- (A) 44 (B) 24
(C) 54 (D) 34.
87. One pipe can fill a tank in 40 minutes, another pipe can empty it in 60 minutes. If both the pipes are opened at the same time, then how much time will it take to fill up the tank ?
- (A) 80 minutes (B) 90 minutes
(C) 100 minutes (D) 120 minutes.
88. From 6 boys and 4 girls, 5 are to be selected admission for a particular course. In how many ways can this be done if there must be exactly 2 girls ?
- (A) 110 (B) 120
(C) 220 (D) 210.

SPACE FOR ROUGH WORK

Direction (Question Nos. 89 to 93) : Study the following table to answer the questions based on it :

Loans disbursed by five banks over the years

(in Crores of Rupees)

| Banks | Years | | | | |
|-------|-------|------|------|------|------|
| | 1982 | 1983 | 1984 | 1985 | 1986 |
| I | 18 | 23 | 45 | 30 | 70 |
| II | 27 | 33 | 18 | 41 | 37 |
| III | 29 | 29 | 22 | 17 | 11 |
| IV | 31 | 16 | 28 | 32 | 43 |
| V | 13 | 19 | 27 | 34 | 42 |
| Total | 118 | 120 | 140 | 154 | 203 |

89. In which bank was the disbursement of loans more than 25 per cent of all banks in 1985 ?

(A) I

(B) II

(C) III

(D) IV

90. In which of the following banks did disbursement of loans continuously increase over the years ?

(A) I

(B) II

(C) V

(D) IV.

91. In which year was the disbursement of loans least as compared to the average disbursement of loans over the years ?

(A) 1982

(B) 1983

(C) 1984

(D) 1985.

SPACE FOR ROUGH WORK

92. If 20% of the total disbursement of loans in the preceding year was the minimum target, how many did achieve the largest in 1983 ?
- (A) 2 (B) 4
(C) 3 (D) none.

93. What was the percentage increase of disbursement of loans of all banks taken together in 1984 and 1985 ?
- (A) 4 (B) 6
(C) 8 (D) 10.

Direction (Question Nos. 94 to 98) : Answer the questions independently of each other :

94. A is 300 days older than B and C is 50 weeks older than A. If C was born on Tuesday, on which day was B born ?
- (A) Wednesday (B) Sunday
(C) Tuesday (D) Monday.
95. A is twice as fast as B and B is thrice as fast as C. The journey covered by C in 54 minutes will be covered by B in
- (A) 18 min (B) 27 min
(C) 38 min (D) 9 min.
96. Roopali walks 10 metres in front and 10 metres to the right. Then every time turning to her left she walks 5, 15 and 15 metres. How far is she now from her starting point ?
- (A) 10 metres (B) 20 metres
(C) 5 metres (D) 15 metres.
97. A team of 30 men is supposed to do a work in 38 days. After 25 days, 5 more men were employed and the work finished one day earlier. How many days would it have been delayed if 5 more men were not employed ?
- (A) 5 days (B) 3 days
(C) 1 day (D) 6 days.

SPACE FOR ROUGH WORK

98. A and B started from a fixed place. A moves 3 km to north and turns right, then walks 4 km. B moves towards west and walks 5 km, then turns to right and walks 3 km. How far A is from B ?

(A) 13 km

(B) 16 km

(C) 9 km

(D) 10 km.

Direction (Question Nos. 99 to 100) : Answer the questions on basis of the information given below :

A car can finish a certain journey in 10 hours at a speed of 48 kmph.

99. In order to cover the same distance in 8 hours, the speed of car must be

(A) 55 km/hr

(B) 70 km/hr

(C) 60 km/hr

(D) 66 km/hr.

100. In order to cover the same distance in 6 hours, the speed of car must be increased by

(A) 22 km/hr

(B) 23 km/hr

(C) 32 km/hr

(D) 42 km/hr.

SPACE FOR ROUGH WORK