

SAMPLE PAPER -7

LANGUAGE TEST (ENGLISH)

1. The shape of our Milky Way galaxy is
 - a. Circular
 - b. Elliptical
 - c. Spiral
 - d. None of these
2. Which one of the following seas is without a coastline:
 - a. White Sea
 - b. Saragossa sea
 - c. Sea of Arabia
 - d. Tasman Sea
3. What do like poles of magnet do?
 - a. Attract
 - b. Repel
 - c. Both a and b
 - d. None
4. The seasonal movement of man with animals in search of pastures is known as
 - a. Pastoral farming
 - b. Nomadic herding
 - c. Trans humans
 - d. Shifting cultivation
5. Number of persons expressed in terms of unit area of agricultural density land is known as
 - a. Agricultural density
 - b. Economic density
 - c. Physiological density
 - d. Arithmetical density
6. In context of exports, which one of the following pairs is not correctly matched:
 - a. Cape Town: Wool and Wine
 - b. Adelaide: Wheat and Wool
 - c. Perth: Rice and Corn
 - d. San Francisco: Fruits and Wine
7. The largest postal network in the world is in
 - a. U.S.A.
 - b. China
 - c. India
 - d. Brazil
8. 'Khamsin' is a hot and dry local wind experienced in
 - a. Iran
 - b. Egypt
 - c. Nigeria
 - d. Saudi Arabia
9. If it is 6.00 A.M. at Greenwich, then it will be 11.00 A.M. at
 - a. 90° E
 - b. 60° E
 - c. 75° E
 - d. 15° W
10. Which one of the following is most prone to earthquakes:
 - a. Coastal plains
 - b. Old Shields
 - c. Plateaus
 - d. Young folded mountains
11. The lowest fertility rate in the world is that of
 - a. China
 - b. Italy
 - c. Sweden
 - d. U.S.A.
12. Under the Govt. of India Act 1935, who had the power to proclaim emergency
 - a. Governor General
 - b. General of India
 - c. Governor of the State
 - d. None of the above
13. In the Govt. of India Act 1935, who was authorized to make a law on the Provincial subject
 - a. Governor
 - b. Governor General
 - c. Federal Legislature
 - d. None of the above
14. Which Constitution is in the written form for the first time by an elected body during the Modern period
 - a. India
 - b. America
 - c. Britain
 - d. France
15. Who was the de facto Prime Minister at the time of evolution of the Indian Constituent Assembly
 - a. Moti Lal Nehru
 - b. Sardar Ballabh Bhai Patal

- c. Jawaharlal Nehru
d. H.N. Kunzru
16. Who was the Chairman of the Draft Committee of the Constituent Assembly
a. Dr. B.R. Ambedkar
b. K.M. Munshi
c. Jagjivan Ram
d. None of the above
17. Devdas was Gandhiji's
a. Only child b. Second child
c. Eldest child d. Youngest child
18. At which place was the first permit office opened on July 1, 1907 for the registration of Indians under the Registration Act:
a. Pretoria b. Johannesburg
c. Petersburg d. Volksrust
19. Searle's Supreme Court judgment which caused great resentment among Indians, leading to mass protests, related to
a. Registration of Indians
b. Strike by Indian coal miners
c. Invalidation of Indian marriages
d. None of the above
20. The oldest form of composition of the Hindustani Vocal Music is
a. Ghazal b. Dhrupad
c. Thumri d. Khayal
21. Frontier Gandhi was the nickname of
a. Khan Abdul Gaffar Khan
b. Vinoba Bhave
c. None of these
d. Mahatma Gandhi
22. Who founded the Indian National Congress:
a. A.O. Hume
b. Sardar Patel
c. Subhash Chandra Bose
d. W.C. Bannerjee
23. The Revolt of 1857 was
a. A British conspiracy
b. A revolt by rulers and landlords

- c. The first war of independence
d. A sepoy mutiny
24. Which one of the following Indian languages does not have a Dravidian Origin:
a. Kannada b. Marathi
c. Malayalam d. Telugu
25. Which of the following is a popular festival of Assam:
a. Durgapuja b. Bihu
c. Onam d. Baisakhi

LANGUAGE TEST (ENGLISH)

Direction (26-30): Read the following passage carefully and answer the questions given below it. Certain words are printed in bold to help you to locate them while answering some of the questions.

The Sun, while going on his daily rounds saw a princess and fell in love with her. Whenever he could slip away from the heavens he would take human form and go down to the princess to spend some time with her. The princess too became quite fond of him and would wait for him to come. One day the Sun decided to send her a blood-red ruby as a token of his love for her. He put the gem in a silk bag and calling a crow that was flying past, asked the bird to deliver the gem to his beloved. Crows had milky white feathers in those days and it was considered auspicious if a crow came anywhere near you. So the Sun was pleased that he had found a crow to deliver the gem. As the crow sped through the sky with the silken bag, the aroma of food lured him. Looking down the crow saw that a wedding feast was in progress and immediately it was distracted from its mission. Food was one thing it could never resist!

Alighting on a tree nearby, it hung the bag on a twig and went off to find some food. While the crow was feasting, a merchant passing by saw the bag on the tree and knocked it down with a

pole. When he opened the bag and saw its contents he almost swooned in joy. Quickly pocketing the ruby, he filled the bag with dry cow dung that was lying there and then deftly returned the bag to the branch. It was all done so quickly that the crow missed all the action. After having its fill, it flew up to the tree and picking up the bag took it to the person it was intended for. The princess was in the garden. When the crow gave her the bag, she took it eagerly, knowing that it was from the Sun. But when she saw its contents she reeled back in shock and anger. Believing that it was the Sun's way of telling her that he did not care for her, she flung the bag away, rushed to her palace and never came out again. When the sun learnt of what had happened he was furious. So great was his anger that when he turned his scorching gaze on the crow, its feathers were burned black. Its feathers have been black ever since. The ruby did not stay with the man who stole it. It fell out of his pocket and rolled into a deep pit. Men have been trying to dig it out ever since. Many precious stones have been found in the process, making Myanmar one of the richest sources of rubies and sapphires, but the ruby that the Sun sent to the princess is yet to be found.

26. What did the Sun send for the princess as a token of his love?
- He sent her the crow
 - He sent her dry cow dung
 - He sent her a red ruby
 - He gifted her city of Myanmar
27. Why did the princess fling the gift away?
- She did not like rubies
 - The crow was known to bring bad luck
 - She had found cow dung in the bag
 - She thought the Sun was playing a cruel joke on her
28. What led to the discovery of precious stones in Myanmar?

- Humans discovered the stones in their search for the lost ruby
 - The crow spread the news of the lost ruby
 - The princess went in search of the lost ruby and discovered other precious stones.
 - The merchant went in search of the ruby that fell off his pocket.
29. While on its way to the princess, the crow was distracted by
- The merchant calling out to him
 - The wedding that was taking place below
 - The ruby that the Sun sent for the princess
 - The temptation of the smell of food
30. Why did the Sun send his gift for the princess along with the crow?
- The princess loved crow's
 - The crow was the only bird available at the time
 - The crow was considered to be an auspicious bird
 - The crow knew where the princess lived

Direction (31-35): Which of these words is closest in meaning to the word provided:

31. Remote:
- | | |
|--------------|------------|
| a. Automatic | b. Distant |
| c. Savage | d. Mean |
32. Detest:
- | | |
|-------------|-----------|
| a. Argue | b. Hate |
| c. Discover | d. Reveal |
33. Gracious:
- | | |
|-------------|------------|
| a. Pretty | b. Clever |
| c. Pleasant | d. Present |
34. Predict
- | | |
|-------------|-------------|
| a. Foretell | b. Decide |
| c. Prevent | d. Discover |
35. Kin:
- | | |
|----------|----------|
| a. Exult | b. Twist |
|----------|----------|

- c. Friend d. Relative

Direction (36-40): Which of these words is most nearly the opposite of the word provided:

- 36.** Withdraw:
a. Reduce b. Need
c. Advance d. Want
- 37.** Secret:
a. Friendly b. Covert
c. Hidden d. Overt
- 38.** Heartfelt:
a. Loving b. Insincere
c. Unhealthy d. Humorous
- 39.** Impartial:
a. Hostile b. Biased
c. Dislike d. Worried
- 40.** Luminous:
a. Clear b. Dim
c. Brittle d. Clever

Direction (41-45): Choose appropriate prepositions:

- 41.** You must be back ___ four O'clock.
a. In b. For
c. By d. To
- 42.** Workout is necessary ___ health.
a. To b. In
c. By d. For
- 43.** Women is looking ___ her diamond ring
a. Inside b. At
c. To d. In
- 44.** Women is holding cup of tea ___ her hands.
a. On b. By
c. In d. At
- 45.** What are doing ___ coming Sunday?
a. In b. On
c. To d. From

Direction (46-50): Choose appropriate articles:

- 46.** New Your is ___ large city
a. A b. An
c. The d. No article
- 47.** Are you attending ___ reception today?
a. A b. An

- c. The d. No article
- 48.** ___ Oranges are grown in Nagpur.
a. A b. An
c. The d. No article
- 49.** ___ lion is a ferocious animal.
a. A b. An
c. The d. No article
- 50.** ___ unit means a measurement.
a. A b. An
c. The d. No article

MATHEMATICS

- 51.** The value of $(256) 0.16 - (256) 0.09$ is:
a. 256.25 b. 64
c. 16 d. 4
- 52.** $1 - [5 - \{2 + (-5 + 6 - 2) 2\}]$ is equal to:
a. -4 b. 2
c. 0 d. -2
- 53.** The LCM of two numbers is 495 and their HCF is 5. If the sum of numbers is 100, then their difference is:
a. 10 b. 46
c. 70 d. 90
- 54.** LCM of two numbers is 225 and their HCF is 5. If one number is 25, the other number will be:
a. 5 b. 25
c. 45 d. 225
- 55.** The percentage increase in the area of a rectangle, if each of its sides is increased by 20% is:
a. 44% b. 45%
c. 34% d. 35%
- 56.** The discount series 10%, 20%, 40% is equivalent to a single discount of
a. 50% b. 56.8%
c. 60% d. 62.28%
- 57.** In order to make a profit of 10%, what should have been the gross traffic receipts (in Rs. Crores) in 2005-06, total expenditure remaining the same?

- a. 5,667 b. 5,876
c. 6,444 d. 7,667
58. At what percent per annum will Rs. 3000 amount to Rs. 3993 in 3 years if the interest is compounded annually?
a. 9% b. 10%
c. 11% d. 13%
59. To complete a work A and B take 8 days, B and C takes 12 days, A, B and C takes 6 days. How much time A and C will take
a. 24 b. 16
c. 12 d. 8
60. The base of a triangle is 15 cm and height is 12 cm. The height of another triangle of double the area having the base 20 cm is
a. 9 cm b. 18 cm
c. 8 cm d. 12.5 cm
61. A sum of money is put at 20% compound interest. The least number of complete years in which sum will be more than doubled is
a. 3 years b. 4 years
c. 5 years d. 6 years
62. Which number when added to each of the numbers 6, 7, 15 and 17 will make the resulting numbers proportional?
a. 6 b. 5
c. 4 d. 3
63. The least multiple of 13, which on dividing by 4, 5, 6, 7 and 8 leaves remainder 2 in each case, is
a. 2520 b. 842
c. 2522 d. 840
64. A train 300 m long is running at a speed of 25 m per sec. It will cross a bridge of 200 m in
a. 5 sec b. 10 sec
c. 20 sec d. 25 sec
65. The LCM of two numbers is 30 and their HCF is 5. One of the numbers is 10. The other is
a. 20 b. 25
c. 15 d. 5
66. $196 \times 948 \div 158 = ?$
a. 1156 b. 1200
c. 1188 d. 1176
67. Sonali invests 15% of her monthly salary in insurance policies. She spends 55% of her monthly salary in shopping and on household expenses. She saves the remaining amount of Rs. 12,750. What is Sonali's monthly income?
a. Rs. 42,500 b. Rs. 38,800
c. Rs. 40,000 d. Rs. 35,500
68. A car runs at the speed of 50 kms per hour when not serviced and runs at 60 kms/hr. when serviced. After servicing the car covers a certain distance in 6 hours. How much time will the car take to cover the same distance when not serviced:
a. 8.2 hours b. 6.5 hours
c. 8 hours d. 7.2 hours
69. Subhash purchased a tape recorder at $\frac{9}{10}$ th of its selling price and sold it at 8% more than its S.P. His gain is:
a. 8% b. 10%
c. 18% d. 20%
70. Kabir buys an article with 25% discount on its marked price. He makes a profit of 10% by selling it at Rs. 660. The marked price is:
a. Rs. 600 b. Rs. 700
c. Rs. 800 d. Rs. 685
71. Largest perfect square between 4 and 50 is:
a. 25 b. 36
c. 49 d. 45
72. Square of 18 is:
a. 324 b. 369
c. 144 d. 342
73. If volume of cube is 4913 cm^3 then length of side of cube is:

- a. 16 cm b. 17 cm
c. 18 cm d. 19 cm
- 74.** Number 343 is cube of:
a. 9 b. 7
c. 8 d. 6
- 75.** By solving equation $a = 2 - 9a$, value of a will be
a. $1/5$ b. $2/3$
c. $2/5$ d. $1/2$
- 76.** By solving equation $2a - 2 = 20$, value of ' a ' will be
a. 12 b. 14
c. 11 d. 13
- 77.** If we simplify $m^2/(m^2 - mp)$ we get
a. $m/(m - p)$ b. p/m
c. $(m - 1)/p$ d. $p/(m - 1)$
- 78.** $(a + b)^2$ gives
a. $a^2 - b^2$ b. $a^2 + 2ab + b^2$
c. $a + 2b$ d. $a - 2b$
- 79.** Set of vowels in English alphabet contains elements
a. {a, b, c, d, e, f} b. {a, e, i, o, u}
c. {p, q, r, s, t} d. {l, m, n, o, p}
- 80.** By converting 85% into decimal, answer will be
a. 0.0805 b. 0.85
c. 0.0085 d. 0.085
- 81.** A can do a piece of work in 4 days. B can do it in 5 days. With the assistance of C they completed the work in 2 days. Find in how many days can C alone do it?
a. 10 days b. 20 days
c. 5 days d. 4 days
- 82.** A and B together can do a piece of work in 8 days. If A alone can do the same work in 12 days, then B alone can do the same work in?
a. 20 days b. 16 days
c. 24 days d. 28 days
- 83.** A certain sum of money at simple interest amounted Rs. 840 in 10 years at 3% per annum, find the sum?
a. Rs. 500 b. Rs. 515
c. Rs. 525 d. None
- 84.** A man purchases 8 pens for Rs. 9 and sells 9 pens for Rs. 8, how much profit or loss does he make?
a. 20.98% profit b. 20.98% loss
c. 20.89% profit d. 20.89% loss
- 85.** The fourth proportional to 12, 14 and 18 is?
a. 21 b. 20
c. 22 d. $28/3$
- 86.** If 9 books cost Rs. 720, what will be the cost of 1 dozen books:
a. 960 b. 900
c. 860 d. 800
- 87.** Find the HCF of 8, 18 and 24 is:
a. 1 b. 2
c. 3 d. 4
- 88.** The marks obtained by a student in 5 examinations are 90, 92, 93, 95 and 90. Find his average marks:
a. 89 b. 90
c. 91 d. 92
- 89.** How many days are there in 3 months, 5 weeks and 12 days:
a. 132 b. 133
c. 135 d. 137
- 90.** A boy runs a distance of 3 metres in 1 second. What is his speed in km/hr?
a. 10.8 b. 11
c. 12.6 d. 13.2
- 91.** 30% of Rs. 40:
a. 10 b. 11
c. 12 d. 13
- 92.** A boy get 25 marks out of 80 and fails by 15 marks. Find the percentage of pass marks:
a. 30% b. 40%
c. 50% d. 60%

93. In how many years will simple interest of Rs. 3000 at 5% per annum be Rs. 600:
 a. 1 b. 2
 c. 3 d. 4
94. A shopkeeper earns a profit of Rs. 80 by selling an article for Rs. 490. Find the cost price of the article:
 a. 400 b. 410
 c. 420 d. 430
95. Find the ratio of 42 and 840:
 a. 1:20 b. 2:30
 c. 1:40 d. 2:50
96. Speed of one bus is 80 km/h and other is 60 km/h. What is the ratio of the speeds of two buses?
 a. 3:4 b. 4:3
 c. 1:2 d. 2:1
97. Find the area and circumference of circle with diameter 14 cm.
 a. $C = 44$ cm & $A = 154$ sq. cm
 b. $C = 44$ cm & $A = 164$ sq. cm
 c. $C = 50$ cm & $A = 154$ sq. cm
98. Find the value of $1.1 - 1.01$:
 a. 0.9 b. 0.09
 c. 1 d. 0
99. Simplify: $0.2 * 0.3 * 0.7$:
 a. 0.237 b. 4.2
 c. 0.042 d. 0.420
100. If $5x = 25$, find x:
 a. 5 b. 10
 c. 15 d. 1

GENERAL INTELLIGENCE (REASONING)

Direction (101-103): In each of the following questions, you are given a combination of alphabets and of numbers followed by 4 alternatives 1, 2, 3, 4. Choose correct image:

101. U 4 P 1 5 B 7

1. $\text{U} \text{P} \text{B} \text{1} \text{5} \text{7}$ 2. $\text{U} \text{P} \text{B} \text{1} \text{5} \text{7}$
 3. $\text{U} \text{P} \text{B} \text{1} \text{5} \text{7}$ 4. $\text{U} \text{P} \text{B} \text{1} \text{5} \text{7}$

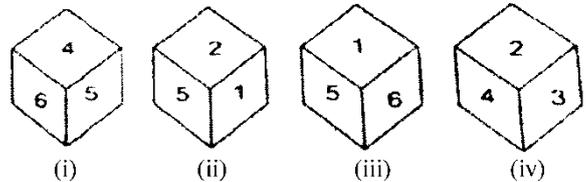
102. G R 9 8 A P 7 6 E S

1. $\text{G} \text{R} \text{9} \text{8} \text{A} \text{P} \text{7} \text{6} \text{E} \text{S}$
 2. $\text{G} \text{R} \text{0} \text{8} \text{A} \text{P} \text{1} \text{9} \text{E} \text{S}$
 3. $\text{G} \text{R} \text{0} \text{8} \text{A} \text{P} \text{1} \text{0} \text{E} \text{S}$
 4. $\text{G} \text{R} \text{0} \text{8} \text{A} \text{P} \text{1} \text{0} \text{E} \text{S}$

103. A 1 M 3 b

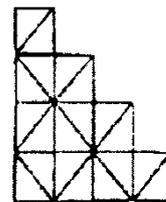
1. $\text{A} \text{1} \text{M} \text{3} \text{b}$ 2. $\text{A} \text{1} \text{M} \text{3} \text{P}$
 3. $\text{A} \text{1} \text{M} \text{3} \text{P}$ 4. $\text{A} \text{1} \text{M} \text{3} \text{P}$

104. Which number lies opposite the face 4, if the four different positions of a dice are as shown in the figures below:



- a. 5 b. 3
 c. 2 d. 1

105. What is the number of triangles in figure:



- a. 26 b. 41
 c. 36 d. 40

106. If 341782 denote MONKEY and 0592 denotes Rags, then 75195044 will denote:

- a. Kangaroo b. Palmantt
 c. Hangamee d. Karnagoo

107. In a queue, Vijay is 14th from the front and Jack is 17th from the end, While Mary is in between Vijay and Jack. If Vijay be ahead of Jack and there be 48 persons in the queue, how many persons are there between Vijay and Mary:

- a. 8 b. 7
 c. 6 d. 5

108. In a row of girls, Eita and Monika occupy the ninth place from the right end and tenth

place from the left and respectively. If they interchange their places, Rita and Monika occupy seventeenth place from the right and 18th place from the left, respectively. How many girls are there in the row?

- a. 25 b. 26
 c. 27 d. Data Inadequate

109. Anil introduces Rohit as the son of the only brother of his father's wife. How is Rohit related to anil?

- a. Cousin b. Son
 c. Uncle d. Son-in-law

110. Pointing towards a man in the photograph, Aarti says "He is the son of only son of my grandmother". How man is related to Aarti?

- a. Cousin b. Nephew
 c. Brother d. Son

111. If '+' means '*', '/' means '-', '*' means '/' and '-' means '+' then: $4 + 11/5 - 55 = ?$

- a. -48.5 d. -11
 c. 79 d. None

112. If a means plus, b means minus, c means multiplied and d means divided by then: $18 c 14 a 6 b 16 d 4 = ?$

- a. 63 b. 254
 c. 288 d. 1208

113. Sheela walks from A to B which is 2 km. away, turns right at 90° and walks for 3 km. to point C, turns right at 90° and walks to D which is 8 km away, turns 90° right and goes 3 km to point K. Then, once again she turns right, 90° and walks 4 km to point F. How far is it from A to F:

- a. 2km b. 4km
 c. 6km d. 8km

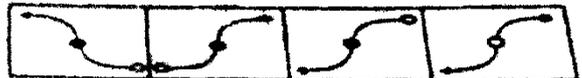
114. Vijit walks 10 m westward, then turns left and walks 10m. He then again turns left and walks 10 m. He takes a 45 degree turn rightwards and walks straight. In which direction is he walking now:

- a. South b. West
 c. South-East d. South-West

115.



(X)



(1) (2) (3) (4)

116.

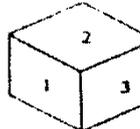


(X)

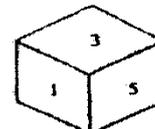


(1) (2) (3) (4)

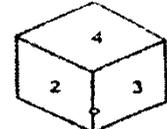
117. What should be the number opposite to 3?



(i)



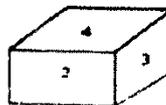
(ii)



(iii)

- a. 1 b. 6
 c. 5 d. 4

118. From the following positions of dice, find which number will come in place of '?'



(i)



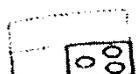
(ii)



(iii)

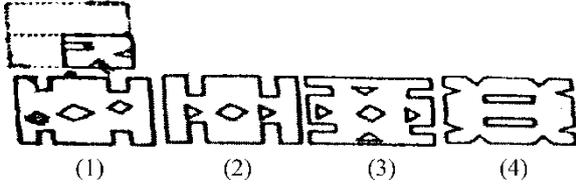
- a. 4 b. 5
 c. 2 d. 3

119.



(1) (2) (3) (4)

120.



121. If '*' means '/', '-' means 'x', '/' means '+', '+' means '-' then $(3 - 15/19) * 8 + 6 = ?$
- a. -1 b. 2
 c. 4 d. 8
122. If $A + B = 2C$ and $C + D = 2A$, the
- a. $A + C = B + D$ b. $A + C = 2D$
 c. $A + D = B + C$ d. $A + C = 2B$
123. Jatin leaves his house and walks 12 km towards north. He turns right and walks another 12 km. He turns right again, walks 12 km more and turns left to walk 5 km. How far is he from his home and in which direction:
- a. 7 km East b. 10 km East
 c. 17 km East d. 24 km east
124. Food: Hungry::
- a. Amusement: Happiness
 b. Joke: Laugh
 c. Cry: Hurl
 d. Rest: Weary
125. If CHAIR is coded as FKDLU then RAID is coded as:
- a. ULGD b. ULKG
 c. ULDG d. UDLG

ANSWER KEY

General Knowledge

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

Language Test (English)

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

Mathematics

51. D	56. B	61. B	66. D	71. C	76. C	81. B	86. A	91. C	96. B
52. A	57. C	62. D	67. A	72. A	77. A	82. C	87. B	92. C	97. A
53. A	58. B	63. C	68. D	73. B	78. B	83. D	88. D	93. D	98. B
54. C	59. D	64. C	69. D	74. B	79. B	84. B	89. D	94. B	99. C
55. A	60. B	65. C	70. C	75. A	80. B	85. A	90. A	95. A	100. A

General Intelligence (Reasoning)

101. C	104. D	107. A	110. C	113. A	116. D	119. D	122. A	125. D
102. C	105. B	108. B	111. D	114. D	117. B	120. D	123. C	
103. C	106. A	109. A	112. B	115. C	118. D	121. B	124. D	