

VTS EXAMINATION 2016 -17

Class : VII

PRELIMINARY QUESTION PAPER



Score : 400

Time : 2 hrs

Register No :

General Instructions

1. Candidates are supplied with an OMR Answer Sheet.
2. Answer the questions in the OMR Sheet by shading the appropriate bubble.
3. Shade the bubbles with black ball point pen.
4. Each question carries four marks. One mark will be deducted for each wrong answer.
5. Use the space provided in the last page for rough work.

I. Read the following passage and answer the questions 7 to 10.

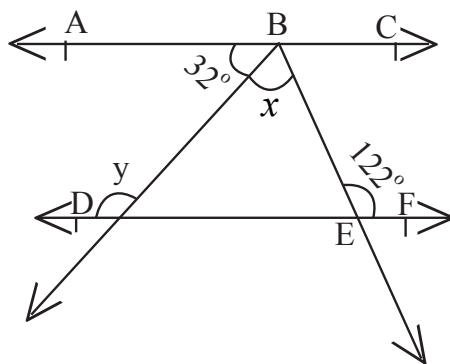
Male lions are rather reticent about expanding their energy in hunting. More than three quarters of kills made by, lionesses are in front, tensely scanning ahead, the cubs lag playfully behind and the males bring up the rear, walking slowly, their massive heads nodding with each steps as if they were bored with the whole matter. But slothfulness may have survival value with lioness busy hunting, the males function as guard for the cubs, protecting them particularly from hyenas.

1. According to the passage male lions generally do not go for huntings because
A. They do not like it B. They want lioness to get training
C. They wish to save their vigour for other things D. They are very lazy
2. When the lioness go in search for their prey, they are very.....
A. Serious B. Cautious C. Playful D. Sluggish
3. Lioness go for hunting.....
A. All alone B. With their male partners only
C. With their cubs and male partners D. With their cubs only
4. Pick out a word from the passage which means 'close-mouthed'
A. Nodding B. Survive C. Tensely D. Reticent

Fill in the blanks suitably using the correct options A, B, C or D

5. Miss Lin speaks..... Chinese
A. The B. A C. An D. No article needed
6. He has been absent Monday
A. Since B. For C. From D. In
7. I always about that
A. Thinks B. Thought C. Think D. Thinking
8. His is rational
A. Arguement B. Argument C. Argumend D. Argumentative
9. If I had had enough money, I you a good present.
A. Had bought B. Would have bought C. Will buy D. Bought

10. The president the wealthy countries for financial aid after the flood.
 A. Call back B. Called off C. Called on D. Called out
11. The probability of drawing a black ball from a bag containing 5 black and 3 red balls is
 A. $\frac{5}{3}$ B. $\frac{3}{5}$ C. $\frac{5}{8}$ D. $\frac{3}{8}$
12. Product of two integers is 168. If one of the integer is (-8), then the other is
 A. 21 B. -21 C. -160 D. -176
13. Find the side of a square whose area is $10 - 3 \times (-2)$ sq cm.
 A. 4 B. 6 C. 2 D. 5
14. The simplified form of $\frac{3}{8} \times \frac{2}{5} \div \frac{3}{4}$ is
 A. $\frac{9}{80}$ B. $\frac{45}{64}$ C. $\frac{1}{5}$ D. $\frac{4}{5}$
15. $\frac{31}{41}$ when multiplied by x gives the product as 1. Which fraction does x represent ?
 A. $\frac{1}{1}$ B. $\frac{31}{41}$ C. $\frac{41}{31}$ D. 0
16. Ramu has two boxes. One box is half filled with chocolates. Every box when completely filled with chocolates contains 1.32 kg of chocolates. Find the weight of the chocolates (in gram) to fill in two boxes.
 A. 2.64 gram B. 0.66 gram C. 1.98 gram D. 1980 gram
17. Solve $\frac{4}{5} - 1 \frac{3}{10} + 4 \frac{2}{15} - 2 \frac{1}{3}$.
 A. $1 \frac{4}{10}$ B. $1 \frac{3}{5}$ C. $1 \frac{4}{5}$ D. $1 \frac{3}{10}$
18. One number is 4 less than 3 times another. If their sum is increased by 5, the result is 25. The numbers are
 A. 6, 14 B. 6, 16 C. 16, 4 D. 8, 9
19. Given $AC \parallel DF$, find x and y if $\angle E = 122^\circ$.



- A. $148^\circ, 90^\circ$ B. $154^\circ, 32^\circ$ C. $122^\circ, 32^\circ$ D. $90^\circ, 148^\circ$

20. Solve $4(m+3) = 18$
- A. $\frac{3}{2}$ B. $\frac{4}{3}$ C. $\frac{4}{2}$ D. $\frac{3}{4}$
21. Razia conducted an experiment in the field related to the rate of percolation. She observed that it took 40 min for 200 ml of water to percolate through the soil sample. What is the rate of percolation ?
- A. 0.5 ml/min B. 15 ml/min C. 50 ml/min D. 5 ml/min
22. The proportions of sand, silt and clay in a soil sample determine.
- A. Structure B. Texture C. Nutrient potential D. Fertility level
23. Consider the following statements
- (a) Both acids and bases change the colour of all indicators.
- (b) If an indicator gives a colour change with an acid, it does not give a change with base.
- (c) If an indicator changes colour with a base, it does not change colour with an acid.
- (d) Change of colour in an acid and a base depends on the type of the indicator.
- Which of these statements are correct ?
- A. All four B. a and b C. b and c D. Only d
24. Blue litmus paper dipped in a solution. It remains blue. What is the nature of the solution ?
- A. Neutral B. Strongly acidic C. Weakly acidic D. Amphoteric
25. Which acid is called “The King of Chemicals” ?
- A. Hydrochloric acid B. Sulphuric acid C. Acetic acid D. Nitric acid
26. Neutralisation is a reaction between
- A. Two acids B. Two bases
- C. One acid and one base D. One acid and one neutral substance
27. Choose the best option from the following:
- A. Rumen: Small intestine B. Rumen: Large intestine
- C. Rumen: Mouth D. Rumen: Stomach
28. Villi are located in the:
- A. Small intestine B. Large intestine C. Stomach D. None of these
29. Choose the correct option from the following statements
- A. Water from the undigested food is absorbed mainly through the wall of stomach
- B. Water from the undigested food is absorbed mainly through the wall of small intestine
- C. Water from the undigested food is absorbed mainly through the wall of large intestine
- D. Water from the undigested food is absorbed mainly through the wall of esophagus

30. Amoeba digests its food in the:
 A. Food vacuole B. Pseudopodia C. Cytoplasm D. Nucleus
31. Bal Gangadhar Tilak was the chief spokes man of the extreme nationalism. He was popularly known as
 A. Desha Bandu B. Deena Bandhu C. Loka Manya D. Loka Hitawadi
32. In which language Bankim Chandra Chatterjee composed the 'National Song of India' ?
 A. Bengali B. Gujarati C. Sanskrit D. Marathi
33. In which session of the Indian National Congress, the moderates and extremists decided to give up their difference of opinion and joined together ?
 A. Bombay B. Madras C. Lucknow D. Calcutta
34. The name of the residence of Mughal Emperors in Delhi was
 A. Old fort B. Siri fort C. Red fort D. Dawlatabad
35. Which was the ruling period of Humayun ?
 A. 1530 - 1540 and 1555 - 1556 B. 1526 - 1530 C. 1556 - 1605 D. 1658 - 1707
36. Which among the following is the Science of map making ?
 A. Cytography B. Photography C. Cartography D. Chromatography
37. Assertion (A): Cold air is denser and heavy.
 Reason (R): It tends to sink down
 A. Both A and R are true and R is explanation of A
 B. Both A and R are true and R is not the explanation of A
 C. A is true and R is false
 D. A is false and R is true
38. Arrange the layers of atmosphere from the surface of the earth.
 i) Mesosphere
 ii) Thermosphere
 iii) Stratosphere
 iv) Troposphere
 A. iii , ii , iv and i B. i , ii , iv , and iii C. iv , iii , i and ii D. iv , i , ii , and iii
39. The largest and the longest written constitution in the world is
 A. Constitution of U.S.A B. Constitution of India
 C. Constitution of Britain D. Constitution of Canada
40. People elect their representatives through Universal Adult Franchise to govern the country. The elected members function as a council of people's representatives. This system is known as
 A. Independent Judicial system B. Presidential system
 C. Parliamentary Democratic system D. Federal system

41. Recently India signed the Kamov helicopter deal with which country ?
A. Israel B. Ukraine C. Russia D. None of these
42. The person who bagged Dr. Sukumar Azhikode Tatvamasi Award 2016.
A. Thomas Isaac B. T.N. Gopakumar C. T.P. Srinivasan D. Adoor Gopalakrishnan
43. Who won 2016 Laureus World Sports Award for tennis ?
A. Messy B. Ronaldo C. Novac Djokovic D. Michel Jordan
44. What is the campaign theme of the 2016 International Women's Day ?
A. Pledge for unity B. Pledge for parity C. Pledge for freedom D. Pledge for equality
45. The venue of Pravasi Bharatiya Divas conference 2016.
A. Bangluru B. New Delhi C. Chennai D. Mumbai
46. Who among the following is a part of National Development Council ?
A. Prime Minister B. Cabinet Ministers C. Chief Minister D. All the above
47. Pick out the present Lok Sabha Secretary General from the options given below.
A. Sumitra Mahajan B. T.K. Viswanathan C. Shamsheer K. Sheriff D. Syed Akbaruddin
48. Who is the only President of India who has made it to the office as an Independent Candidate ?
A. V. V. Giri B. A.P.J. Abdul Kalam C. Gyani Zail singh D. Pratibha Patil
49. Letter 'S' in ISRO stands for
A. Scientific B. Spices C. Solar D. Space
50. Which of the following a UNO agency ?
A. IPU B. BCCI C. IMF D. ICC
51. Ball point pen is invented by
52. Inventor of X - Ray
53. In which decade was the telegraph invented ?
54. The Indian artist who decorated the hand written copy of the constitution.
55. Who among the following is the present UN Secretary General ?
56. The first Malayali to become the president of Indian National Congress.
57. Whose death coincided with the launch of the Non-Co-operation movement in 1920 ?
58. At which one of the following places did Gandhi start his Sathyagraha in India first ?

59. Cairo is the capital of which country ?
 A. Georgia B. Haiti C. Ireland D. Egypt
60. The capital of Iran is
 A. Tehran B. Bagdad C. Santiago D. Zagreb
61. Suppose you want to visit Temple of the Tooth; then you have to travel to
 A. Bangladesh B. Mangolia C. China D. Sri Lanka
62. Noorjahan's Tomb is situated at
 A. Lahore B. Kabul C. New Delhi D. Agra
63. In which century Taj Mahal was constructed ?
 A. 16th B. 17th C. 18th D. 15th
64. Who was the first Indian to win the world Amateur Billiards title ?
 A. Geet Sethi B. Wilson Jones C. Michael Ferreira D. Manoj Kothari
65. Best player in Copa America Championship 2015.
 A. Jeison Murillo B. Claudio Bravo C. Sunil Chhetri D. Mario Gotze
66. The father of computer science
 A. Charles Babbage B. Alan Turing C. Satoshi Nakamoto D. Zuckerberg
67. Which is a type of Electrically - Erasable Programmable Read only Memory ?
 A. Flash B. Flange C. Furig D. Fram
68. A parallel port is most often used by
 A. Mouse B. Monitor C. Printer D. Key board
69. is the largest lake of the world.
 A. Baikal B. Dal C. Caspian D. Wular
70. In which country the largest Mosque in the world Masjid Al-Haram situated ?
 A. Saudi Arabia B. India C. Iran D. Bahrain
71. LS:OH:: ? : PC
 A. PK B. HP C. KX D. XK
72. 0,3,8,15,24,?,48
 A. 41 B. 29 C. 37 D. 35
73. Town E is towards east of town G. Town C is towards north of town E. Town H is towards south of town E. Towards which direction is town H from town G ?
 A. East B. South-East C. North-East D. Data inadequate
74. If 15th June falls on 3 day after tomorrow which is Friday, then what day of the week falls last date of month ?
 A. Monday B. Tuesday C. Wednesday D. Thursday
75. On which day of the week does 18th September 1991 ?
 A. Wednesday B. Tuesday C. Thursday D. Saturday
- Direction (Q: Nos 76-80): Read the following information carefully and answer the questions given below.**
- The staff of a bank are Mr.A, Mr.B, Mrs.C, Miss.D, Mr.E and Miss.F. The positions they occupy are Manager, Assistant manager, Cashier, Stenographer, Teller and Clerk, though not necessarily in that order. The Asst Manager is manager's grandson, cashier is Stenographer's son-in-law. Mr.A is bachelor. Miss.D is teller's stepsister and Mr.E is manager's neighbour. Mr.B cannot have a grandson or son-in-law as he is only 20 years old.
76. Who is the Manager ?
 A. Mr. A B. Mrs. C C. Mr. E D. None of these

77. Who is the Asst Manager ?
 A. Mr. A B. Miss. F C. Mrs. C D. Mr. D
78. Who is the Teller ?
 A. Mis. F B. Mrs. C C. Mr. A D. Miss. D
79. Who is the Clerk ?
 A. Mr. B B. Miss. D C. Miss. F D. None of the above
80. Who is the Cashier ?
 A. Either Mr. A or Mr. B B. Miss. F C. Mr. B D. Mrs. C

Direction (Q:Nos 81,82): Which of the conclusions can be drawn from the statements ?

81. **Statement:** Many business offices located in buldings having two to eight floors .If a building has more than three floors ,it has a lift.
 Conclusions :
- A. All floor may be reached by lift B. Only floors above the third floor have lifts
 C. 5th floor has lift D. 2nd floor do not have lift

82. **Statements:** All guilty politicians were arrested .Rajan and Kamalesh were among those arrested
 Conclusions:
- A. All politicians are guilty B. All arrested people are politicians
 C. Rajan and Kamalesh were not politicians D. Rajan and Kamalesh were guilty

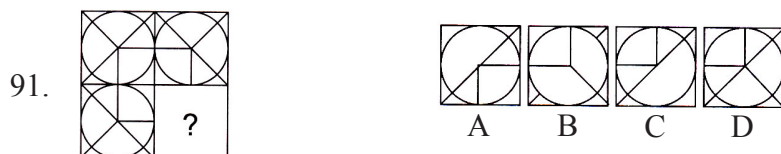
Directions (83,84): In each of the following questions, some groups of letters are given ,all of which except one ,share a common similarity while one is different. Select the odd one

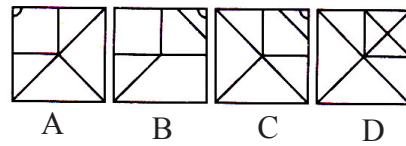
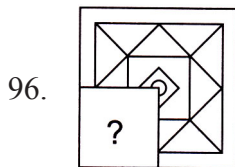
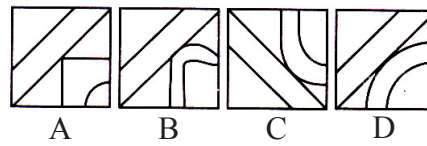
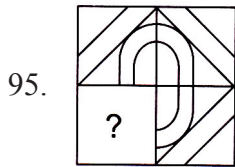
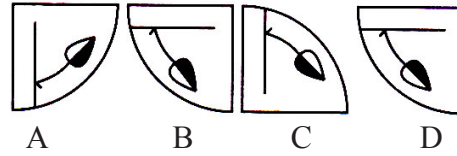
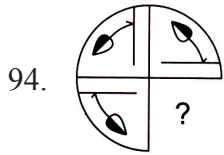
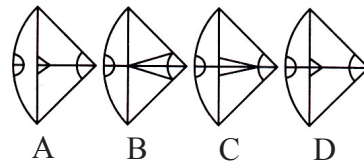
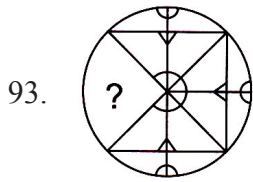
83. A. DFHB B. KMOJ C. PRTL D. XZBV
 84. A. JKMP B. GHJM C. WXZC D. STWZ

Direction(Qns 85-90): In the following questions three alternatives are same in a certain way out of four, so form a group.Find out odd word that does not belong to the group

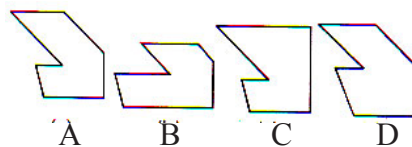
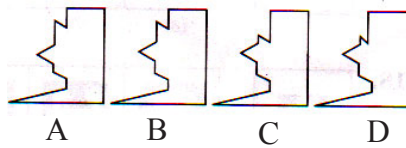
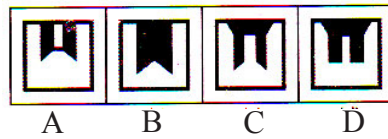
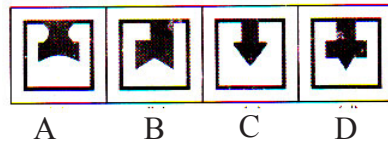
85. A. Indira Gandhi B. Lal Bahadur Shastri
 C. Jawaharlal Nehru D. Dr. Rajendra Prasad
86. A. Head B. Heed C. Sledge D. Heap
87. A. Author B. Novelist C. Poet D. Publisher
88. A. Cheese B. Wine C. Milk D. Curd
89. A. Bronze B. Silver C. Cadmium D. Platinum
90. A. Herd B. Flight C. Hound D. Swarm

Direction (Q: Nos 91-96): In each of the following questions a part of a question figure is missing. Find out the given answer figures A, B, C and D that can replace the ‘?’ to complete the question figure.





Direction (Q: Nos 97-100): In the following questions choose the correct answer figure which will make a complete square on joining the problem figure.



Space for rough works