

VTS EXAMINATION 2016 -17
PRELIMINARY QUESTION PAPER

Class : VIII

8

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 given passage carefully and answer the questions that follow.

Once upon a time, there was John Dolittle, M. D. All the folks, young and old, knew him well by sight. And whenever he walked down the street everyone would say “there goes the doctor! He’s a clever man”. And the dogs and the children would run up and follow him; and the crows that lived in the church-tower would caw and nod their heads. The house he lived in was quite small: but his garden was very large with a wide lawn and stone seats and weeping – willows hanging over. He kept many kinds of pets. Besides the gold-fish in the pond at the bottom of his garden, he had rabbits in the pantry, white mice in his piano, a squirrel in the linen closet and a hedgehog in the cellar. He had a cow, a calf, an old lame horse, chickens and pigeons and two lambs. But his favorites were Dab-Dab the duck, Jip the dog, Gub-Gub the baby pig, Polynesia the parrot, and the owl Too-Too.

1. The house he lived in
A. Was quite big
B. Had a large garden
C. Was quite huge
D. Without sweeping-willows
2. His pets included
A. The gold-fish in the pantry
B. Rabbits in the cellar
C. Mice in the linen closet
D. None of the above
3. We come to know that John Dolittle was respected as
A. They thought him a clever man
B. Whenever he saw him, ‘they would say, “there goes the doctor”!
C. Everyone knew him well by sight
D. They didn’t follow him
4. Others showed their liking for him by
A. Running up B. Following him C. Cawing and nodding D. All the above
5. Rewrite the sentence suitably using the correct options A, B, C or D
“Who married you?”
A. Who were you married?
B. Whom were married by you?
C. By whom were you married?
D. Who were married by you?
6. Everyone is liable to make mistake,?
A. Weren’t they? B. Didn’t they? C. Isn’t it? D. Aren’t they?
7. I wish Iher result
A. Know B. Knew C. Will know D. Was knowing

8. The watchman is always grumbling the poor salary he is paid
 A. At B. Of C. About D. With
9. Which is the wrongly spelt word ?
 A. Superintendent B. Moustache C. Campaign D. Bureaocracy
10. How did you your new neighbor ?
 A. Get by B. Get around C. Get on with D. Get through
11. A student got marks in 5 subjects in a monthly test as given below:
 2 , 3 , 4 , 5 , 6. Then 4 is the
 A. Mean and Median B. Mean but not median
 C. Median but not mean D. Mode
12. If one angle of a triangle equals the sum of the other two angles, the triangle must be
 A. Scalane B. Right angled C. Obtuse angled D. Acute angled
13. At 2.15 O'clock the hour and minute hands of a clock form an angle of
 A. 30° B. $7\frac{1}{2}^\circ$ C. $22\frac{1}{2}^\circ$ D. 5°
14. If a, b, c are three non-zero rational numbers, then the false statement is
 A. $a \div (b \div c) \neq (a \div b) \div c$ B. $a \div b$ is a rational number
 C. $a \div (-a) = -1$ D. $(a-b) \div c = \frac{a}{c} + \frac{-b}{c}$
15. The sum of two numbers is 20 , their product is 40. The sum of their reciprocals is
 A. $\frac{1}{10}$ B. 4 C. 2 D. $\frac{1}{2}$
16. Find the values of x and y , if $x+y=7$ & $3x-2y=11$.
 A. 4 , 3 B. 5 , 2 C. 3 , 4 D. 2 , 5
17. Find two consecutive natural numbers whose sum of the squares is 221.
 A. 10 , 11 B. 9 , 10 C. 12 , 13 D. 13 , 15
18. The value of $\sqrt{1 + \frac{25}{144}} = 1 + \frac{x}{12}$, then x is
 A. 5 B. 13 C. 1 D. 17
19. The product of the additive inverse and the multiplicative inverse of -3 is
 A. 1 B. 0 C. -1 D. -9
20. If the base of a triangle is doubled and height is halved, its area will be
 A. Doubled B. Halved C. Reduced to One-fourth D. Remained the same
21. We useto reduce friction
 A. Coconut oil B. Water C. Mercury D. Kerosene
22. The pressure exerted by the air around us
 A. Fluid pressure B. Thrust C. Atmospheric pressure D. None of these
23. The principle of filling ink in a fountain pen
 A. Pressure increases in the tube B. The liquid flows from up to lower
 C. Pressure decreases in the tube D. None of these

24. What will be the force exerted on a surface of 100 m^2 to obtain a pressure of 10 N/m^2
 A. 1000 N B. 100 N C. 10 N D. 0.1 N
25. The good conductor of electricity is
 A. Graphite B. Calcium C. Diamond D. Phosphorous
26. Which natural resource is also called 'black gold' ?
 A. Coal B. Coal tar C. Petroleum D. Coke
27. Which of the following pair of elements will easily corrode ?
 A. Gold-Silver B. Iron- Aluminium
 C. Nickel-Chromium D. Iron-Titanium
28. World Food Day
 A. October 16 B. July 5 C. September 16 D. July 7
29. Sanctuary is a place where
 A. Animals are protected B. Plants are protected
 C. Both plants and animals are protected D. Office of the forest department
30. is an aquatic plant used to increase nitrogen content in the soil
 A. Azolla B. Azotobacter C. Azospirillum D. Amoeba
31. In which year Arms Act was passed ?
 A. 1879 B. 1877 C. 1878 D. 1876
32. What strategy British adopted to annex Awadh with their empire ?
 A. Permanent Settlement B. Doctrine of Lapse
 C. Mahalwari System D. Subsidiary Alliance
33. Pick out the major centres involved in 1857 Revolt.
 A. Meerut, Kanpur and Jhansi B. Meerut, Kanpur and Madras
 C. Meerut, Jhansi and Lahore D. Meerut, Lucknow and Lahore
34. Assertion (A): Gandhiji launched the Rowlatt Satyagraha to oppose the Rowlatt Act
 Reason (R): The Rowlatt Act empowered the provincial government to search any place and arrest any person without a warrant whom it suspected
 A. Both A and R are true and R is not correct explanation of A
 B. Both A and R are true and R is the correct explanation of A
 C. A is true and R is false
 D. A is false and R is true
35. Consider the following statements about the result of 1857 Revolt
 i) The British parliament passed a new act in 1858 and transferred the power of the East India Company
 ii) A member of the British Cabinet was appointed as the secretary of Britain
 iii) The Civil Service Act of 1861 was passed to discourage the entry of Indian soldiers
 A. i and iii B. I and ii C. iii only D. ii only
36. Which of the following is not correctly matched while considering the availability of actual resources of different region ?
 A. Coal- Germany B. Uranium- Ladakh
 C. Petroleum- West- Asia D. Dark soil- Deccan Plateau

37. Find out the reason for the flood in the Kuttanad region in Alapuzha
 A. The region lies below the sea level
 B. The region lies above the sea level
 C. Many dams have been constructed across the rivers through Kuttanad
 D. Both A and C
38. Expand KSWTC
 A. Kerala State Wood Transport Corporation B. Kerala State Water Transport Company
 C. Kerala State Water Transport Cooperation D. None of the above
39. From which country Indian Constitution borrowed amendment of the constitution ?
 A. South Africa B. Britain C. America D. Germany
40. Lok Sabha is presided over by
 A. Prime Minister B. Speaker C. President D. Vice President
41. The Oscar award for the best picture in 2015 was awarded to
 A. The Imitation Game B. Whiplash C. American Sniper D. Birdman
42. India Aviation 2016 event has been hosted by
 A. Chennai B. Shimla C. Bangaluru D. Hyderabad
43. Name the state which became Indias first state to introduce compulsory gender education at the graduate level ?
 A. Bihar B. Odisha C. Andhra Pradesh D. Telangana
44. Who was the first Education Minister of Kerala ?
 A. Joseph Mundassery B. Pattam Thanupilla
 C. N.V. Krishna Warriar D. V.K. Krishna Menon
45. How many members are nominated by the President in the Rajya Sabha ?
 A. 9 B. 12 C. 10 D. 15
46. Expand BRICS
 A. Brazil , Russia , India , China and South Africa
 B. Britain , Russia , India , China and South Africa
 C. Brazil , Russia , India , Chile and South Africa
 D. Britain , Romania, Indonesia , China and South Africa
47. Which of the following is not a UNO Agency ?
 A. WMO B. ILO C. IMF D. IPU
48. John L Baird invented
 A. Camera B. Television C. Refrigerator D. Rocket
49. Who is the present Defence Minister of India ?
 A. Inderjith Singh B. Manohar Parrikar C. Natwar Singh D. Suresh Prabhu
50. Name the newly appointed Chief Executive Officer of the Unique Identification Authority of India.
 A. C.N.R. Rao B. Ajay Bhusan Pandey C. R.N. Malthotra D. None of these
51. Which British official was responsible for Jallianwala Bagh massacre ?
 A. General Watson B. William Jones C. General Dutta D. General Dyer
52. Who said the British rule was a bleeding drain from India ?
 A. Dadabhai Naoroji B. Bibin Chandrapal
 C. Bal Gangadhar Tilak D. Gopal Krishna Gokhale

53. Name the capital of Libiya
 A. Beirut B. Wellington C. Tripoli D. Bamako
54. Where is 'Bridge of Sighs' located ?
 A. Paris B. Moscow C. New York D. Venice
55. Who founded the city Agra ?
 A. Sikandar Lodi B. Shah Jahan C. Ahmad Shah D. Firoz Shah
56. Joshna Chinappa is related to which sport ?
 A. Billiards B. Snooker C. Squash D. Tennis
57. Which of the following sports event is proposed to be dropped by the International Olympics Committee from the 2020 Olympics ?
 A. Shooting B. Wrestling C. Hockey D. None of these
58. An error in software designing which can even cause a computer to crash is
 A. Bugs B. Booting C. Hacker D. Piracy
59. Who invented the computer input device mouse ?
 A. Douglas Engelbart B. Charles Babbage
 C. Jane Baun D. Kenneth H. Olsen
60. Name the biggest waterfall in India
 A. Hundru falls B. Jang falls C. Dudhsagar falls D. Jog falls
61. The smallest republic of the world.
 A. Vatican B. Nauru C. Australia D. Ireland
62. 'Operation Blue Star' in Golden Temple took place in the year
 A. 1984 B. 1884 C. 1994 D. 2004
63. Which is the Holy book of Parsis ?
 A. Zend B. Guru Granth Sahib C. Torah D. Tripitaka
64. Which state was the first to create in 1953 on the basis of language ?
 A. Karnataka B. Tamil Nadu C. Kerala D. Andhra Pradesh
65. Which one of following books is not written by R.K. Narayan ?
 A. The English Teacher B. Gone with the Wind
 C. Swami and Friends D. Malgudi Days
66. Which two cities are mentioned in the novel 'A Tale of Two Cities' written by Charles Dickens ?
 A. Cairo and London B. London and Paris
 C. Cairo and Paris D. None of these
67. U.N.O is observing 2016 as the International Year of
- A. Light B. Agriculture C. Pulses D. Children
68. Who is known the 'Lady with the Lamp' ?
 A. Florence Nightingale B. Sarojini Naidu C. Margaret Thatcher D. Indira Gandhi
69. Goodwill Ambassador for the United Nations Population Fund
 A. Ashley Judd B. Lori Robinson C. Ahmad Javed D. Jack Dorsey
70. Which country is known as the 'Land of Golden Pagoda' ?
 A. Thailand B. Ireland C. Rome D. Myanmar
71. 'WT' is related to 'QN' in the same way as 'FC' is related to
 A. KH B. MJ C. ZW D. GK

72. Five boys A,B,C,D, and E are standing in a row .D is on the right of E. B is on the left of E but on the right of A. D is on the left of C,who is standing on the extreme right . Who is standing in the middle ?

A. B B. C C. D D. E

73. 4,11,30,67,128,?

A. 219 B. 228 C. 231 D. 237

74. Kamal travels 10m from his shop and turns to his left . After that he turns to right from the crossing .After moving certain yards ,he turns to left and again turns to left after moving some distance . Finally he turns to right . If at final position he is facing North direction, then which direction was he facing while coming out of his shop?

A. South B. West C. East D. North

Direction (Q:Nos 75-79): In each of the questions below are given two statements followed by two conclusions numbered I and II . You have to take the two given statements to be true even if they seem to be at variance from commonly known facts and decide which of the given conclusion(s) logically follow(s) from the two given statements disregarding commonly known facts.

Give answers

A. If only conclusion I follows
B. If only conclusion II follows
C. If neither I nor II follows
D. If both I and II follow

75. Statements : No colour is a paint.
No paint is brush

Conclusions: I No colour is brush
II All brushes are colours

76. Statements: All stars are planets.
All planets are galaxies

Conclusion: I All galaxies are planets
II All stars are galaxies

77. Statements: Some boys are hots.
All hots are cakes

Conclusion: I All cakes are bages
II All bages are cakes

78. Statements: All players are doctors
Some doctors are actors

Conclusions I Some doctors are players as well as actors
II All actors are doctors

79. Statements: Some exams are tests
No exam is question

Conclusions I No question is a test
II Some tests are exams

80. If Republic Day was celebrated in 1996 on Friday on which day in 2000 Independence Day was celebrated ?

A. Monday B. Tuesday C. Wednesday D. Saturday

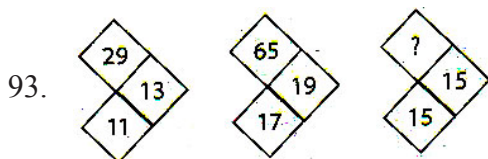
81. If the 3rd day of a month is Monday, then which of the following will be the fifth day from 21st of that month?

A. Tuesday B. Monday C. Wednesday D. Thursday

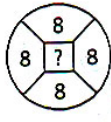
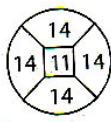
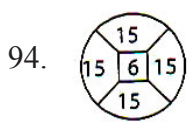
Direction (Q: Nos 82-86): Read the following information carefully and answer the questions. From amongst 5 doctors A,B,C,D and E and four engineers G,H,K,and L and six

teachers M,N,O,P ,Q and R,some teams are to be selected. Of these A,B,G,H,O,P and Q are females and the rest are males. The formation teams are subject to the following conditions.

- a) Whenever there is a male doctor ,there will be no female teacher.
 b) Whenever there is a male engineer ,there will be no female doctor .
 c) There shall not be more than two male teachers in any team.
82. If the team consists of two doctors ,two female teachers and two engineers ,all the following teams are possible except
 A. OPGHAB B. ABGHPQ C. ABGHOQ D. ABKLPQ
83. If the team consists of two doctors, 3 female teachers and 2 engineers ,the members of the team are
 A. CDOPQGH B. ABOPQGH C. CDKLOPQ D. DEGHOPQ
84. If the team consists of 3 doctors,2 male engineers and 2 teachers ,the members of the team could be
 A. CDEKLMN B. ABCKLMR C. CDEKLPR D. BCDKLNK
85. If the team consist of 2 doctors ,1 engineer and 4 teachers ,all the following teams are possible except
 A. ABGMNOP B. ABKNRPQ C. ABHMOPQ D. ABHMRPQ
86. If the team consists of 2 doctors ,2 engineers and two teachers, all the following teams are possible except
 A. CEKLMN B. ABGHMN C. CDKLOP D. ABGHOP
87. If in a certain code language 'GAME' is written as '0720012613140522' ,then how will 'NOT' be coded in that language?
 A. 121413152007 B.131415122007 C. 141315127002 D. 141315122007
88. If in a certain code language 'IPL' is written as '81256144' , then how will 'BUT' be written in that language ?
 A. 4441400 B. 4444100 C. 4100444 D. 4144400
89. If in a certain code language 'GOAT' is coded as '40014467649' , then how will 'DO' be written in that language?
 A. 529144 B. 222591 C. 592225 D. 529522
90. If in a certain code language 'RAMAN' is written as '23.5' and 'CAP' is written as '10' , then how will 'CAPACITY' be written in that code?
 A. 48 B. 39 C. 49 D. 35
91. If in certain code language 'LOT' is written as '111314161921' , 'SIP' is written as '18208101517' , then how will 'GO' be written in that language ?
 A. 681416 B. 864161 C. 681476 D. 681461
92. If in a certain code language 'KOMAL' is written as '31462' , 'POT' is written as '267' , then how will 'TIGER' be written in that code language?
 A. 95927 B. 95279 C. 95729 D. 95792



- A. 123 B. 132 C. 46 D. 98

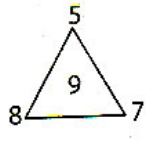
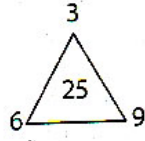
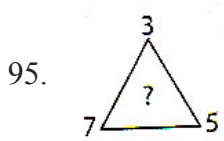


A. 4

B. 1

C. 2

D. 5



A. 16

B. 12

C. 8

D. 6

96. $a = 23 (529) (1024)$,
 $b = 21 (441) (?)$
 $c = 19 (361) (8281)$

A. 144

B. 3529

C. 9361

D. 8281

0	-1	-2
1	0	-1
2	?	0

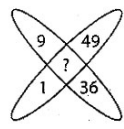
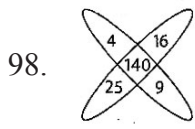
97.

A. 1

B. -1

C. -2

D. 4

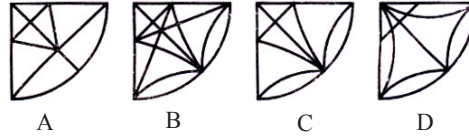
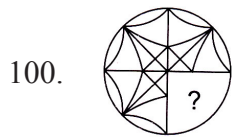
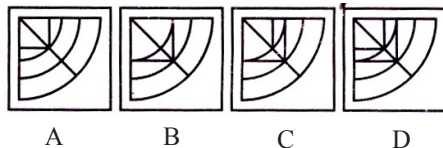
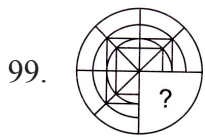


A. 125

B. 215

C. 170

D. 118



Space for rough works