VTS EXAMINATION 2016-17 (FINAL)

Class : VIII   **QUESTION PAPER**

8

Score : 400

Register No : ☐☐☐☐☐☐   **Time : 2 hrs**

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.

Read the given passage carefully and answer the questions that follow.

The Stranger came early in February, through a biting wind and a driving snow, carrying a little black portmanteau in his thickly gloved hand. He was wrapped up from head to foot, and the brim of his soft felt hat hid every inch of his face but the shiny tip of his nose. He staggered into the "Coach and Horses". He stamped and shook the snow from off himself in the bar and followed Mrs. Hall into his quarters in the inn. Mrs. Hall lit the fire. But she was surprised that her visitor still wore his hat and coat, standing with his back to her and staring out of the window at the falling snow in the yard. His gloved hands were clasped behind him, and he seemed to be lost in thought. She noticed that the melting snow that still sprinkled his shoulders dripped upon her carpet "Can I take your hat and coat sir" ? she said, " and give them a good dry in the kitchen" ?

1. The weather when the stranger came in was

    A. Early in January   B. A warm wind blowing

    C. The snow falling   D. The sun shining

2. The Stranger can be described as

    A. Carrying a little blue portmanteau in his hand

    B. Wrapped up from head to ankles.

    C. Wearing a hat, the brim of which hid every inches of his face, including his nose

    D. None of the above

3. Mrs. Hall was surprised by

    A. The fact that he staggered into the inn

    B. That her visitor still wore his hat and coat

    C. That he was staring out of the door at the falling snow in the yard

    D. That he was sitting with his back to her

4. The Stranger came early in .... month of the year.

    A. First month   B. Last month   C. Third month   D. Second month

5. Turn the sentence into indirect speech.

    Keats wrote, " A thing of beauty is a joy for ever".

    A. Keats wrote a thing of beauty was a joy for ever

    B. Keats wrote that a thing of beauty has joy for ever

    C. Keats wrote a thing of beauty is joy for ever

    D. Keats wrote that a thing of beauty is a joy forever

6. Convert the following into passive voice.
   They clean the streets everyday.
   A. They cleaned the streets everyday   B. Everyday streets cleaned
   C. The streets are cleaned everyday   D. The streets were cleaned everyday

7. I am not older than you, ... ?
   A. Aren't I ?   B. Am I ?   C. Are I ?   D. Amn't I ?

8. Which of the following sentence is wrong ?
   A. My uncle went abroad last week
   B. He was in a hurry to go to the office
   C. If you work hard you will pass the examination
   D. No sooner had he reached home when the light went out

9. The chief guest .... the prizes to the winners.
   A. Gave in   B. Gave out   C. Gave away   D. Gave up

10. Kerala is blessed with .... vegetation.
    A. Luxurious   B. Luxuriant   C. Lustrous   D. Industrious

11. Find the mean of the first 7 prime numbers.
    A. 6.28   B. 8.28   C. 7.28   D. 8.28

12. The sum of two numbers is 39 and difference is 15, then the numbers are
    A. 17,22   B. 26,13   C. 27,12   D. 28,11

13. The perimeter of a parallelogram is 50 cm. One side is $1\frac{1}{2}$ times the other. The sides of the
    parallelogram are
    A. 15 cm 10 cm   B. 12 cm 8 cm   C. 10 cm 5 cm   D. 20 cm 30 cm

14. Three cubes each of sides 3cm are joined together side by side to form a cuboid. What is the
    surface area of the cuboid ?
    A. 81 cm^2 B. 63 cm^2 C. 126 cm^2 D. 162 cm^2

15. If $*$ and $\odot$ are two operations such that $a*b = a+b+2$ and $a \odot b = a\times b -4$, find $(3*4) \odot 5$
    A. 41   B. 32   C. 25   D. 63

16. By what rational number should $\frac{-5}{48}$ be multiplied to get 20 ?
    A. -36 B. 36   C. $-1/192$ D. -192

17. In the figure, PC and PD are the bisectors of $\angle$ BCD and $\angle$ ADC respectively. $\angle$ A $= 100^{o}$.
    Find $\angle$ B

    A. 125° B. 150° C. 175° D. 200°
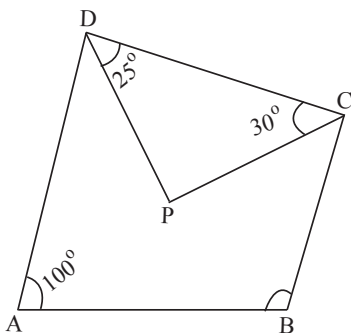
18. A train passes a post in 15 seconds and passes a platform of 100m long in 25 seconds. Find the length of the train.

    A. 100 m   B. 110 m   C. 120 m   D. 150 m

19. Which of the following numbers are divisible by 2, 3 and 6 ?

    A. 672   B. 283   C. 3129   D. 2103

20. The difference between the greatest and the least of $\dfrac{-5}{9}, \dfrac{2}{9}, \dfrac{-4}{9}$ is

    A. $\dfrac{-1}{3}$ B. $\dfrac{2}{9}$ C. -1 D. $\dfrac{7}{9}$

21. What will be the pressure when 300 N force is applied on 15 m^2 of area ?

    A. 300 N/m^2 B. 20 N/m^2 C. 200 N/m^2 D. 2 N/m^2

22. We can lie on a nail bed because

    A. As area increases pressure decreases   B. As area increases pressure increases
    C. As area increases pressure remains constant   D. None of these

23. A plastic pen rubbed with hair can attract small pieces of paper. This is an example for ………………. type of force.

    A. Magnetic   B. Gravitational   C. Muscular   D. Electrostatic

24. Pressure exerted by water at the bottom of container depends on …………… its column.

    A. Depth   B. Area   C. Volume   D. Mass

25. Metals can be drawn into thin wires. Identify the property.

    A. Ductility   B. Malleability   C. Metallic lustre   D. Conductivity

26. Name the hardest metal from the following.

    A. Chromium   B. Rubidium   C. Diamond   D. Iron

27. The correct order of decreasing reactivity of Zn, Cu, Fe and Al with acids:

    A. Zn>Al> Cu> Fe   B. Zn> Fe> Al> Cu
    C. Fe> Al>Zn> Cu   D. Al> Cu>Zn> Fe

28. Fauna indicates for

    A. Plants   B. Animals   C. Both plants and animals   D. None of these

29. Which of the following comes under the weedicide?

    A. D.D.T   B. 2, 4-D   C. B.H.C   D. None

30. Pea is sown before a cereal crop to …………….

    A. Obtain two crops in a year   B. Improve the crop variety
    C. To maintain soil fertility   D. Avoid attack of pests.

31. Who joined with sepoys and fought against British in Mandla region of Madhya Pradesh at the time of 1857 Revolt ?

    A. Rani Gauri Parvathi Bhai   B. Rani Gauri Lakshmi Bhai
    C. Rani Lakshmi Bai   D. Rani Avanti Bai

32. Examine the following statements

    i. Pazhassi Raja attempted to eliminate colonial power through guerilla war
    ii. Pazhassi Raja attempted to eliminate colonial power through military power
    iii. Pazhassi Raja attempted to eliminate colonial power through divide and rule policy
    iv. Pazhassi Raja attempted to eliminate colonial power with the help of his assistants
    Select your answers from the options given below.

    A. i and ii   B. i and iii   C. ii and iii   D. i and iv

33. There were two systems in Indigo cultivation. Find out the systems used by the indigo cultivators.
    A. Maot and NIJ system
    B. NIJ and Ryoti system
    C. NIJ and Drip system
    D. Ryoti and Maot system
34. Who among the following congress leaders were known as the moderates ?
    A. Surendranath Banerjee, Firoz Sha Mehta and Gopal Krishna Gokhale
    B. Bal Gangadhar Tilak, Lala Lajpath Rai and Bipin Chandra Pal
    C. Bal Gangadhar Tilak, Gopal Krishna Gokhale and Bipin Chandra Pal
    D. Bal Gangadhar Tilak, Surendranath Banerjee and Firoz Sha Mehta
35. Arrange the following in the chronological order:
    a) Gandhi - Irwin Pact   b) First Round Table Conference
    c) Simon Commission   d) Lahore session under the presidency of Jawaharlal Nehru
    A. b, c, d & a   B. c, d, b & a   C. a, b, d & c   D. d, b, c & a
36. Pick out the correct pair
    A. 23rd September - Autumn
    B. 21st March - Winter Solstice
    C. 22nd December - Equinox
    D. 21st June - Spring
37. Choose the rivers of Kerala which join with Vembanad Lake.
    A. Pamba and Bharathapuzha
    B. Pamba and Manjesharam puzha
    C. Pamba and Muvattupuzha
    D. Muvattupuzha and Manjesharam puzha
38. Which one of the following does not make substance a resource ?
    A. Utility   B. Value   C. Quality   D. Usability
39. The temperory speaker is appointed by the Governor is knwon as
    A. Deputy Speaker   B. Speaker   C. Protem Speaker   D. Chief Secretary
40. From which country Indian constitution borrowed state list ?
    A. Canada   B. South Africa   C. America   D. Britan
41. The person who has been conferred with the Central Banker of the Year Award 2016 by the Financial Times Groups monthly publication 'The Banker'
    A. Raghuram Rajan   B. Urjith Patel   C. Sailesh   D. Pavan Kapoor
42. The state which has launched the 'Janmabhoomi – Maa-Vooru' programme to focus on welfare schemes across the state.
    A. Bihar   B. Andhra Pradesh   C. Hariyana   D. Kerala
43. The brand Ambassador for free Haryana of tuberculosis (TB) campaign
    A. Amitabh Bachchan   B. Salman Khan   C. Manju Warrier   D. Vidya Balan
44. What is the maximum age for retirement of Election Commissioners ?
    A. 65   B. 62   C. 60   D. 58
45. Who is the Chief Minister of Chattisgarh ?
    A. Mufti Mohammad Sayeed   B. Raman Singh   C. NabamTuki   D. None of these
46. BARC stands for
    A. Bharat Aeronautic Research Centre
    B. Bhabha Atomic Research Centre
    C. Bharat Atomic Research Centre
    D. Bhabha Aeronautic Research Centre
47. Expand AMRUT
    A. Atal Mission for Rejuvenation and Urban Transformation
    B. Antyodaya Mission for Rural and Urban Transformation
    C. Agency Mission for Rural and Urban Transportation
    D. None of these

48. Who discovered vitamins ?
    A. M. Davis   B. F.G. Hopkins   C. Froelich & Holst   D. Me Collum

49. Who among the following is the father of socialism?
    A. Robert Owen   B. Thomas Cook   C. Lenin   D. Aristotle

50. "Give me good mothers, I shall give you a good nation". Who said these words ?
    A. Louis XIV   B. Napoleon   C. Hitler   D. Stalin

51. Who issued the famous Kundara Proclamation ?
    A. Pazhassi Raja   B. Velu Thampi Dalawa
    C. Sri Chithirathirunal Balarama Varma   D. K. Kelappan

52. A fortnightly newspaper published by Dr. B.R. Ambedkar
    A. Gita Rahasya   B. The Opinion   C. Mooknayak   D. National Herald

53. Name the capital of Peru
    A. Lima   B. Osaka   C. Nairobi   D. Ottava

54. Who designed the tomb of Humayun ?
    A. Shah Muzaffar   B. Kamaluddin Behzad   C. Shah Jahan   D. Mirak Mirza Ghiyas

55. The seat of British government offices and the former official residence of the queen of England
    A. White House   B. Whitehall   C. Buckingham Palace   D. None of these

56. Who among the following is associated with wrestling ?
    A. Yogeshwar Dutt   B. Rahi Sarnobat   C. Sukhen Dey   D. Jitu Rai

57. Who has won the 2016 International Boxing Federation heavy weight title ?
    A. Mary kom   B. Sathish Sivalingam   C. Anthony Joshua   D. Kim Gavin

58. Father of E-mail
    A. Ralph Baer   B. Linus Torvalds   C. Jimmy Wales   D. Ray Tomlinson

59. The first cyber police station in Kerala
    A. Kozhikode   B. Thiruvananthapuram   C. Malappuram   D. Kasaragod

60. Which is the largest Gulf ?
    A. Gulf of Mexico   B. Gulf of Aden   C. Gulf of California   D. Gulf of Alaska

61. The first woman Chief Justice of Indian High court
    A. Fathima Beevi   B. Prema Mukherjee   C. Mrs. Leela Seth   D. Manjula Chellur

62. The Pakistan president who was hanged to death in 1979
    A. Benazir Bhutto   B. Liaquat Ali Khan   C. Zulfikar Ali Bhutto   D. Nurul Amin

63. The most famous student of Socrates
    A. Aristotle   B. Plato   C. Alexander   D. None of these

64. Who was the chairman of the Minorities Commission of the Constituent Assembly ?
    A. B.N. Rau   B. Nandalal Bose   C. H.C. Mukherjee   D. K.M. Munshi

65. Who is the author of the Book, 'Angry River' ?
    A. Earnest Hemingway   B. Arthur Conan Doyle   C. Ruskin Bond   D. George Orwell

66. The novel 'Midnight Children' won the Booker Prize in 1981. Name the author
    A. Mulkraj Anand   B. Jhumpa Lahiri   C. Vikram Seth   D. Salman Rushdie

67. Venue of the 18th SAARC summit
    A. Kathmandu   B. New Delhi   C. Kuala Lumpur   D. Colombo

68. Name the first woman to lead the ceremonial tri-service guard of honour inspected by Barack Obama at Rashtrapati Bhavan on January 26th, 2015
    A. V.S. Ramadevi   B. Archana Ramasundaram   C. Pooja Thakur   D. Kiran Bedi
69. The famous Pakistani singer who was recently granted Indian citizenship by the Home Ministry
    A. Adnan Sami   B. Mehdi Hassan Khan   C. Ghulam Ali   D. Arif Lohar
70. Which river is known as 'Queen of Adriatic' ?
    A. Cuba   B. Chicago   C. Venice   D. Madagasker
71. 'AB' is related to 'CD' in the same way as 'YZ' is related to
    A. AB   B. AC   C. WX   D. UV
72. Five friends are sitting on a bench .A is to the left of B but on the right of C. D is to the right of B but on the left of E. Who are at the extremes ?
    A. A,B   B. A,D   C. B,D   D. C,E
73. 2,10,30,68, ?
    A. 125   B.130   C. 128   D. 135
74. A boy first goes in south direction, then turns towards left and travels for some distance . After that he turns right and moves certain distance . At last he turns left and travels again for some distance .Now,in which direction is he moving ?
    A. South   B.West   C. East   D. North

Direction (Q:Nos 75-79): In each of the questions below two statements followed by two conclutions numbered I and II are given. 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) logicaly 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 conclusion I nor II follows   D. If both conclusions I and II follow

75. Statements: All cars are balls
                   All balls are tables .
    Conclusions:I Some tables are balls
                II Some tables are cars.
76. Statements: Some rats are cats.
                   All cats are bats.
    Conclusions:I No rats are cats
                II Some rats are bats.
77. Statements: Some schools are factories .
                   All factories are shops
    Conclusions:I All shops are factories
                II Some shops are schools
78. Statements: Latha is beautiful and intelligent girl
                   She is very good.
    Conclusions:I All beautiful girls are intelligent
                II Beauty and intelligence are the factors of goodness
79. Statements: All writers are lawyers
                   All readers are lawyers
    Conclusions:I Some lawyers are readers
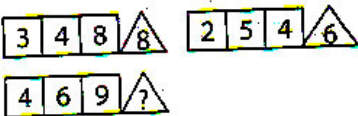   II Some readers are writers

80. If 15th August 2011 was Tuesday, then what day of the week was it on 17th september 2011?
   A. Thursday   B. Friday   C. Saturday   D. Sunday
81. What was the day on 1st January 1901 ?
   A. Monday   B. Wednesday   C. Sunday   D. Tuesday
   Direction (Q: Nos 82-86): Read the following information carefully to answer the questions below. Nine professors – G, H, I, J, K, L, M, N and O appear on a series of three pannels. Each pannel will consist of three professors and each professor will appear exactly once. The pannel must be arranged according to the following conditions.
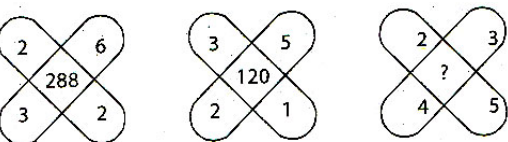   a) I and N must be on the same pannel
   b) K and L must be on the same pannel
   c) O and J cannot be on the same pannel
   d) M must appear on the second pannel
   e) Either J or M or both must appear on the pannel with H
82. Which of the following professors could appear on a pannel together ?
   A. G,L,O   B. G,J,M   C. K,I,M   D. N,I,J
83. Which of the following cannot be true ?
   A. I appears on second pannel   B. H appears on 3rd pannel
   C. O appears on 3rd pannel   D. J appears on 1st pannel and H appears on the 3rd
84. The third pannel could consisit of all the following except
   A. K,l,O   B. K,L,J   C. G,H,J   D.G,I,J
85. All the following could be on the same pannel as K, except
   A. G   B. I   C. J   D.M
86. If J and K appear on the 3rd pannel which of the following professors must appear on 2nd ?
   A. G   B. H   C. I   D.L
87. If T=20 and Team =39,thenTREE = ?
   A. 175   B. 85   C. 135   D.112
88. If M=13 and MAD=52, then MOOD = ?
   A. 11700   B. 10181   C. 12500   D. 95000
89. If G=7 and GOD=420, then GAP = ?
   A. 175   B. 85   C. 135   D. 112
90. If 'FLAIR' is coded as 21,15,26,9,22,then how would 'BREIF' be coded in the same language ?
   A. 21,9,22,21,18   B. 5,37,11,19,13   C. 13,19,11,37,5   D. 25,9,22,18,21
91. If in a certain code language 'NOTION' is writen as '348' , then how will 'TOTAL' be writen in that language ?
   A. 381   B. 275   C. 385   D. 272
92. If in a certain language 'JNU' is writen as '101714132106' ,then how will 'PUSA' be written in that language ?
   A. 1611210619080126   B. 161121061908062
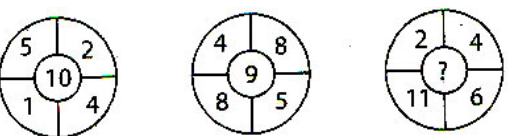   C. 1611210619086201   D. 1161216019080126
   Direction (Q:Nos 93-98): Find the missing character in each of the following questions.
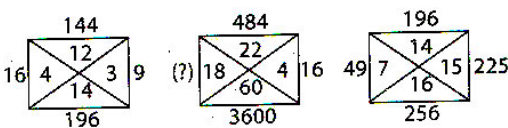
93. | 4 | 6 | 3 | 8 | | 6 | 10 | 5 | 12 | A. 8   B. 12

   | 4 | 8 | 2 | ? | C. 16   D. 20

94. [3|4|8|⟋8⟍] [2|5|4|⟋6⟍]
[4|6|9|⟋?⟍]

A. 8   B. 9
C. 10   D. 11

95. (7 | ? / 2401 | 343)

A. 48   B. 37
C. 846   D. 49

96. (2, 6 / 288 / 3, 2) (3, 5 / 120 / 2, 1) (2, 3 / ? / 4, 5)
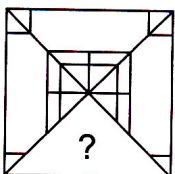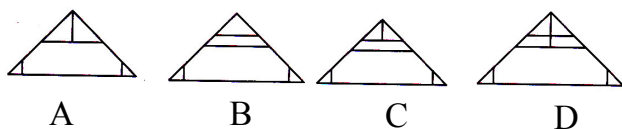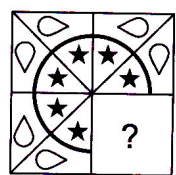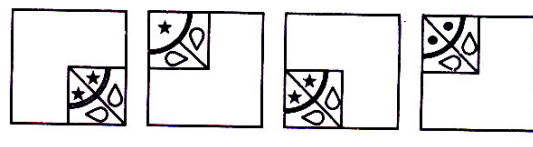
A. 340   B. 495
C. 284   D. 480

97. (5, 2 / 10 / 1, 4) (4, 8 / 9 / 8, 5) (2, 4 / ? / 11, 6)

A. 8   B. 9
C. 11   D. None of these

98. 144 | 12 | 16 4 × 3 9 | 14 | 196   484 | 22 | (?) 18 × 4 16 | 60 | 3600   196 | 14 | 49 7 × 15 225 | 16 | 256

A. 360   B. 100
C. 324   D. 81

Direction (Q:Nos. 99-100): In each of the following questions a part of the question figure is missing. From the given answer figures A, B, C and D, find out the answer figure that can replace the ' ? ' to complete the question figure.

99.

A   B   C   D

100.

A   B   C   D

Space for rough works