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CET 2020

DIRECTORATE GENERAL OF MILITARY TRAINING (MT-15)

QUESTION PAPER FOR ADMISSION TO RASHTRIYA MILITARY SCHOOLS AT CHAIL, AJMER, BELGAUM, BENGALURU AND DHOLPUR FOR CLASS IX FOR ACADEMIC SESSION 2021-22

SECTIONS	NO OF QUESTIONS	MAX MARKS	PAGE
SCIENCE	50	50 MARKS	2 TO 7
MATHEMATICS	50	50 MARKS	7 TO 12
ENGLISH	50	50 MARKS	13 TO 19
SOCIAL SCIENCE	30	30 MARKS	19 TO 22
HINDI	20	20 MARKS	22 TO 24

ROLL NO _____ **MAX TIME ALLOWED: 2H 30 MIN**

INSTRUCTIONS

1. Do not open this test booklet until you are asked to do so. Immediately after the commencement of the examination, you should check that this test booklet does not have any unprinted or torn or missing pages or questions etc. If so, get it replaced by a complete new test booklet.

2. You have to enter your roll number on the test booklet in the space provided above.

3. This test booklet contains 200 questions in five sections as mentioned above. Each question comprises four responses (answers). You will select the response which you want to mark on the answer sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case choose only one response for each question. If more than one circle is shaded, it will be treated as wrong answer.

4. All questions are of objective type with multiple choice answers and carry equal marks. There is no negative marking.

5. Please use black/blue ball pen to completely darken the circles corresponding to the correct answer. You have to mark all your responses only on the separate OMR answer sheet provided. Before you proceed to mark the response to various questions of the test booklet in the answer sheet, you have to fill in some particulars in the OMR answer sheet as per instructions given in the answer sheet.

6. After you have completed filling in all your responses on the answer sheet and the examination has concluded, you should hand over only the OMR answer sheet to the invigilator. You are permitted to take away the test booklet with you.

S/14- CCA/20- IX- 1 A

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SCIENCE

1. The hearing range of human ear is
   (a) 20 Hz to 20,000 Hz
   (b) Less than 20 Hz
   (c) More than 20,000 Hz
   (d) 20 Hz to 25,000 Hz

2. The pitch of sound depends on
   (a) frequency
   (b) amplitude
   (c) both of these
   (d) none of these

3. Sound propagates maximum in
   (a) Gas
   (b) Liquid
   (c) Solid
   (d) All of above

4. Rate of change of displacement is called
   (a) Speed
   (b) Velocity
   (c) Acceleration
   (d) Deceleration

5. Unit of pressure is
   (a) Newton
   (b) Pascal
   (c) Dyne
   (d) Joule

6. The upward force exerted by the liquid displaced by the body when it is placed inside the liquid is called
   (a) Buoyant Force
   (b) Gravitational Force
   (c) Centripetal Force
   (d) Electrostatic Force

7. Light year is the unit of
   (a) Time
   (b) Distance
   (c) Light
   (d) Intensity of Light

8. Light travels at the fastest speed in
   (a) Glass
   (b) Water
   (c) Hydrogen
   (d) Vacuum

9. Solar eclipse will take place when
   (a) the sun is between the moon and the earth
   (b) the earth is between the moon and the sun
   (c) the moon is between the sun and the earth
   (d) the moon does not lie on the line joining the sun and the earth

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10. If the doors of a refrigerator are left open for a few hours, the room temperature will
(a) decrease
(b) increase
(c) remain the same
(d) decrease only in the area in the vicinity of the refrigerator

11. If a rock is brought from the surface of the moon to the earth, then
(a) Its mass will change.
(b) Its weight will change but not its mass.
(c) Both mass and weight will change.
(d) Both mass and weight remain the same

12. The atmosphere exerts enormous pressure on us. But, we don't feel it because
(a) Our blood exerts a pressure slightly more than that of the atmosphere.
(b) We are used to it.
(c) Our bones are very strong and can withstand the pressure.
(d) The surface area of our head is very small.

13. A man is standing on a boat in still water. If he walks towards the shore, the boat will
(a) move towards the shore
(b) move away from the shore
(c) remain stationary
(d) sink

14. A piece of ice is floating in a beaker containing water. When whole of the ice melts
(a) the level of water will come down.
(b) the level of water will go up.
(c) the level of water will first rise and then fall.
(d) the level of water will remain the same.

15. A man inside an artificial satellite feels weightlessness because the force of attraction due to earth is
(a) zero
(b) balanced by the force of attraction due to moon
(c) equal to centripetal force
(d) non-effective due to particular design of the satellite

16. Sound waves are characterised by the generic properties of waves. Which of the following is not a property of a wave?
(a) frequency
(b) wavelength
(c) intensity
(d) distance

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17. What happens when a heavy object and a light object are allowed to fall from a certain height in the absence of air
(a) heavy object reaches the ground later than the lighter object
(b) lighter object reaches the ground later than the heavier object
(c) both heavy and light objects reach the ground simultaneously
(d) none of these

18. Force of friction depends upon?
(a) Smoothness of surface
(b) Roughness of surface
(c) Inclination of surface
(d) All of above

19. Out of these, the strongest synthetic fibre is
(a) nylon
(b) rayon
(c) polyster
(d) acrylic

20. Materials having qualities of both metals and non-metals are
(a) alloys
(b) metalloids
(c) noble metals
(d) solution

21. Which one of the following is a mixture of charcoal, potassium nitrate and sulphur?
(a) Printing ink
(b) Graphite
(c) Gun powder
(d) Soot

22. In which zone, oxygen is not available?
(a) Dark zone
(b) Non-luminous zone
(c) Luminous zone
(d) All of these

23. Metals generally react with dilute acids to produce hydrogen gas. Which one of the following metals does not react with dilute hydrochloric acid?
(a) Magnesium
(b) Iron
(c) Aluminium
(d) Copper

24. Choose the correct statement from the following
(a) It is difficult to transport natural gas through pipes.
(b)The disadvantage of natural gas is that it can not be used directly for burning in homes.
(c) Natural gas is stored under high pressure as compressed natural gas.
(d) Natural gas cannot be used for power generation

25. If a person's clothes catch fire, the best way to extinguish the fire is to
(a) throw water on the clothes.
(b) use fire extinguisher.
(c) cover the person with a woolen blanket.
(d) cover the person with a polythene sheet.

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26. Which one of the following is not produced by the process of fermentation?
(a) Cheese
(b) Milk
(c) Yoghurt
(d) Wine

27. _____ is the first fully synthetic fibre
(a) Acrylic
(b) Polyester
(c) Nylon
(d) Rayon

28. Identify the type of plastic that can best be used to make electrical switches
(a) PVC
(b) Polythene
(c) PET
(d) Bakelite

29. Terylene is a popular form of
(a) Polyester
(b) Monomer
(c) Plastic
(d) Nylon

30. Which of the following metals do not react even with steam?
(a) Silver
(b) Iron
(c) Calcium
(d) Sodium

31 Food cans are coated with tin and not with zinc because:
(a) Zinc is less reactive than tin.
(b) Zinc is more reactive than tin.
(c) Zinc has a higher melting point than tin.
(d) Zinc is costlier than tin.

32. When sulphur reacts with oxygen, the oxide formed is ___ in nature
(a) alkaline
(b) neutral
(c) basic
(d) acidic

33. What is the property that makes metals shine called?
(a) Malleability
(b) Ductility
(c) Sonorous
(d) Lustre

34. The efficiency of a fuel is expressed in terms of its _____.
(a) density
(b) calorific value
(c) volume
(d) purity

35. The colour of outer zone of candle flame is _____.
(a) orange
(b) blue
(c) red
(d) yellow

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36. Which of the following should be done to control fire?
(a) Increase the oxygen supply
(b) Increase fuel supply
(c) Reduce the heat supply
(d) Reduce the nitrogen supply

37. Creation of wildlife reserves and endorsement of laws are conservation measures that promote increased
(a) exploitation of species
(b) use of biological control
(c) preservation of species
(d) use of biological fertilisers

38. The process of conversion of fertile lands into deserts is known as:
(a) Famine
(b) Acid rain
(c) Drought
(d) Desertification

39. Species found exclusively in a particular area are called _____ species.
(a) Endangered
(b) Endemic
(c) Migrating
(d) Extinct

40. Animal life occurring in a particular region or time is known as
(a) Flora
(b) Biota
(c) Fauna
(d) Species

41. Which of the following is not responsible for causing global warming?
(a) Ozone layer
(b) Jet planes
(c) Methane
(d) Carbon dioxide

42. Which organelle is called the "Powerhouse of the Cell"?
(a) Nucleus
(b) Endoplasmic reticulum
(c) Mitochondrion
(d) Golgi apparatus

43. Which of the following instruments can be used to observe cells?
(a) Barometer
(b) Microscope
(c) Periscope
(d) Telescope

44. Which of the following scientists discovered cells in cork slices?
(a) Louis Pasteur
(b) Antoine van Leeuwenhoek
(c) Carl Linnaeus
(d) Robert Hooke

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45. Which of the following statements is incorrect about Endoplasmic Reticulum?
(a) It is involved in lipid synthesis.
(b) It is involved in ribosome synthesis.
(c) It is the post office of the cell.
(d) Involved in detoxifying chemicals.

46. Which among the following is not the function of lysosomes?
(a) Breaking down of food particles.
(b) Protection against the pathogens.
(c) Perform photosynthesis.
(d) Digest worn-out cells.

47. Among the following which cell can be seen with an unaided eye?
(a) Hen's egg
(b) Red blood cell
(c) Sperm cell
(d) Nerve cell

48. Choose the correct statement(s):
(i) Ribosomes are located on the chromosomes.
(ii) Cells located in the nucleus.
(iii) Chloroplasts are located in the nucleolus.
(iv) Cell membrane surrounds the cell.

(a) (i), (ii) and (iii)
(b) (i) and (ii)
(c) (iii) and (iv)
(d) Only (iv)

49. Which of the following is the non-living part of the cell?
(a) Cell membrane
(b) Cytoplasm
(c) Mitochondrion
(d) Cell wall

50. Combustion of a substance releases heat and _____.
(a) Oxygen
(b) Wood
(c) Light
(d) Water

MATHEMATICS

51. The value of a machine depreciates every year by 10%. If the present value of the machine is Rs100000. What will be the value after three years?
(a) 20250
(b) 72900
(c) 90000
(d) 81000

52. The factors of $3m^2 + 9m + 6$ are
(a) (m+1)(m+2)
(b) 3(m+1)(m+2)
(c) 6(m+1)(m+2)
(d) 9(m+1)(m+2)

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53. A metallic cuboid with dimensions 16 cm x 8 cm x 4 cm was melted and recast into a cube. What is the length of the edge of the cube?
(a) 2 cm
(b) 8 cm
(c) 4 cm
(d) 16 cm

54. The algebraic expression 3x+ 2y+ 6 is a:
(a) Monomial
(b) Binomial
(c) Trinomial
(d) None of above

55. A cube has _____ faces.
(a) 4
(b) 5
(c) 6
(d) 8

56. A sum of money doubles itself in 3 years at compound interest, when the interest is compounded annually. In how many years will it amount to 16 times of itself?
(a) 6 years
(b) 8 years
(c) 12 years
(d) 16 years

57. The rational number to be added to -4/7 to get 3/21 is
(a) 5/7
(b) -5/7
(c) 7/5
(d) 4/7

58. Common factors (H.C.F.) of $12a^2bc$ and $15a^3b^2c^3$ is
(a) $3a^2b^2c^3$
(b) $3a^2b^2c^2$
(c) $3a^2bc$
(d) $3ab^2c$

59. If 5 kg of sugar contains 2.25×10^7 crystals. Then the number of crystals present in 2 kg of sugar is.
(a) 9×10^3
(b) 9×10^4
(c) 9×10^5
(d) 9×10^6

60. If F, E and V represents the faces, edges and vertices respectively of a polyhedron then which of the following is the Euler's formula.
(a) F- V + E=2
(b) F+ V+ E =2
(c) F + V –E = 2
(d) F – V – E = 2

61. Evaluate $\sqrt[3]{-2744} \div \sqrt[3]{0.008}$
(a) -70
(b) 70
(c) -14
(d) 14

62. The height of a cylinder whose radius is 7 cm and the total surface area is 968 cm^2 is:
(a) 15 cm
(b) 17 cm
(c) 19 cm
(d) 21 cm

$2 \times \pi \times 7 \times h + 2\pi r^2 = 968$

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63. If $(-3)^{m+1} \times (-3)^5 = (-3)^7$, then value of m is:
(a) 5
(c) 1
(b) 7
(d) 3

64. The area of a trapezium is 480 cm^2, the distance between two parallel sides is 15 cm and one of the parallel side is 20 cm. The other parallel side is:
(a) 20 cm
(c) 44 cm
(b) 34 cm
(d) 50 cm

65. The product of 864 x N is perfect cube. What is the smallest possible value of 'N'?
(a) 2
(c) 4
(b) 1
(d) 3

66. If Rs 782 be divided into 3 parts, proportional to 1/2 : 2/3 : 3/4 then the first part is
(a) Rs 182
(c) Rs 196
(b) Rs 190
(d) Rs 204

67. The ratio of 10m to 10 km is:
(a) 1/10
(c) 1/1000
(b) 1/100
(d) 1000

68. A circle having diameter 30 cm has a chord of 24 cm, then the distance of the chord from the centre is.
(a) 9 cm
(c) 12 cm
(b) 15 cm
(d) 13 cm

69. Two identical cubes each of total surface area of 6 cm^2 are joined end to end. The total surface area of cuboid so formed?
(a) 12 cm^2
(c) 10 cm^2
(b) 18 cm^2
(d) 8 cm^2

70. A loaded Truck travels 14 km in 25 minutes. If the speed remains the same, the distance covered in 5 hours is.
(a) 160 km
(c) 168 km
(b) 165 km
(d) 172 km

71. If the length of each edge of a cube is tripled, what will be the change in its volume?
(a) 3 times
(c) 9 times
(b) 27 times
(d) 6 times

72. A bag has 4 red balls and 4 green balls, what is the probability of getting a red ball randomly?
(a) 1/4
(c) 1/2
(b) 1/8
(d) 0

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73. Generalised form of a two-digit number xy is.
(a) x+y
(b) 10x+y
(c) 10x- y
(d) 10y+x

74. The quadrilateral whose diagonals do not bisect each other is.
(a) Rectangle
(b) Rhombus
(c) Square
(d) Trapezium

75. If the weight of 12 sheets of thick paper is 40 grams, how many sheets of the same paper would weigh 2500 grams?
(a) 750
(b) 800
(c) 850
(d) 950

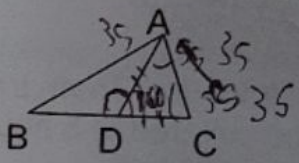
76. If $x = \sqrt[3]{-27/8}$ find the value of 'x'
(a) 3/2
(b) 3/4
(c) -3/4
(d) -3/2

77. Which of the following can be other name of a cylinder?
(a) Triangular prism
(b) Rectangular prism
(c) Square prism
(d) Circular prism

78. The range of the data 6,14,20,16,6,5,4,18,25,15,5 is
(a) 25
(b) 22
(c) 20
(d) 21

79. If (x-1) is factor of $p(x) = x^2 + x + k$ then the value of k is
(a) -1
(b) 1
(c) -2
(d) 2

80. In ▲ ABC, AD bisects angle BAC and AD=DC. If angle BDA = 70^0 then measure of angle ABD is
(a) 75^0
(b) 80^0
(c) 85^0
(d) 90^0



81. The age of A and B are in the ratio 5:7. Four years from now , the ratio of their ages will be 3:4 . Then the present age of B is
(a) 20 years
(b) 28 years
(c) 15 years
(d) 21 years

82. The factors of 6xy-4y+6-9x are:
(a) (3x+2) (2y+ 3)
(b) (3x-2) (2y- 3)
(c) (3x-2) (2y+ 3)
(d) (3x+2) (2y- 3)

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83. A student multiplied a number by 3/5 instead of 5/3. What is the percentage error in the calculation?
(a) 34%
(b) 44%
(c) 54%
(d) 64%

84. The actual width of a store room is 300 cm. if the scale chosen to make its drawing is 1:6, then what will be the width of the room in the drawing?
(a) 50 cm
(b) 1800 cm
(c) 6 cm
(d) 60 cm

85. Polygons that have no portion of their diagonals in their exterior are called
(a) Squares
(b) Triangles
(c) Concave
(d) Convex

86. The standard form for 782000000 is
(a) 7.82×10^{8}
(b) 0.782×10^{9}
(c) 7.82×10^{-8}
(d) 0.782×10^{-9}

87. Which number is to be divided by 53240 to make it a perfect cube?
(a) 5
(b) 10
(c) 15
(d) 20

88. In a two digit number x is in unit place and y is in tens place then reversed number is.
(a) 10x+y
(b) 10y+y
(c) y+x
(d) yx

89. Which of the following is the quotient obtained on dividing $4x^2y^2$ (3z-24) by 36xy (z-8)?
(a) xy/3
(b) x/3
(c) y/3
(d) xyz/3

90. Tally marks are used to find which of the following :
(a) Frequency
(b) Lower limits
(c) Upper limits
(d) Class marks

91. Which set of sides are possible to have a triangle.
(a) 2, 3 and 5 cm
(b) 20, 25 and 43 cm
(c) 13, 5 and 7 cm
(d) 13, 24 and 10 cm

92. All six faces of a cuboid $l \neq b \neq h$ are _____ in shape and adjacent faces have_____area.
(a) Square, same
(b) Rectangular, same
(c) Rectangular, different
(d) cannot be determined

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93. The associative property is applicable to:
(a) Addition and Subtraction
(b) Multiplication and Division
(c) Addition and Multiplication
(d) Subtraction and Division

94. Which of the following will have 6 at unit place.
(a) 19^2
(b) 11^2
(c) 24^2
(d) 13^2

95. The area of a rhombus whose diagonals are of lengths 10 cm and 8.2 cm is:
(a) 41 cm^2
(b) 82 cm^2
(c) 410 cm^2
(d) 820 cm^2

96. Which of the following is equal to 1 kiloliter?
(a) $1000dm^3$
(b) $100dm^3$
(c) $10dm^3$
(d) $10000dm^3$

97. Which of the following can not be true for a polyhedron?
(a) V=4, F=4, E=6
(b) V=6, F=8, E=12
(c) V=20, F=12, E=30
(d) V=4, F=6, E=6

98. If 5278 is squared, then what will be at the unit place?.
(a) 8
(b) 7
(c) 6
(d) 4

99. What is the numerical form of 1000a +10b + c ?
(a) abc
(b) a0bc
(c) abc0
(d) ab0c

100. 6 pipes are required to fill a tank in 1 hour 20 minutes. If we use 5 such types of pipes, how much time it will take to fill the tank?
(a) 120 minutes
(b) 96 minutes
(c) 80 minutes
(d) 85 minutes

ENGLISH

Read the following passage and answer the questions that follow:

Alfred Hitchcock was a man with vivid imagination, strong creative skills and a passion for life. With his unique style and God-gifted wit he produced and directed some of the most thrilling films that had the audience almost swooning with fright and falling off their seats with laughter. Alfred Hitchcock was greatly influenced by American films and magazines. At the age of 20, he took up a job at the office of Paramount Studio, London. Using imagination, talent and dedication, he made each of his endeavours a success. He took great pleasure in working in the studio and often worked all seven days a week. He moved to the USA in 1939 and got his American citizenship in 1955.

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Here, he produced many more films and hosted a weekly television show. No matter from where his ideas came, whether a magazine article, a mystery novel or incident, his films had the typical "Hitchcock touch"-where the agony of suspense was relieved by interludes of laughter! Hitchcock was knighted in 1980.

Choose the right answer from the options given for each questions:

101. What qualities helped Hitchcock achieve success?
(a) His imagination, creativity and passion for life.
(b) His hard work, his imagination and his sense of humour.
(c) His creativity, his passion for life and his sense of humour.
(d) His imagination, his talent and his dedication

102. Alfred Hitchcock is famous as?
(a) Writer
(b) Film producer
(c) Television actor
(d) Film actor

103. What did the typical Hitchcock-style of film-making include?
(a) Fear and passion
(b) Fear and humour
(c) Suspense and humour
(d) Fear and suspense

104. What did Alfred Hitchcock do in United States?
(a) He produced films and read magazines.
(b) He produced films and television serials.
(c) He read magazines and saw films.
(d) He produced films and hosted a television show.

105. What does the word swooning mean?
(a) Fainting
(b) Falling
(c) Hiding
(d) Becoming conscious

Fill in the blanks with appropriate option:

106. Man ---------- on Mars some day.
(a) will land
(b) is going to land
(c) is landing
(d) Lands

107. I am not free this evening. I --------- on my Science project.
(a) am working
(b) will work
(c) work
(d) am going to work

108. 'Why are you turning on the radio ?"I ---------- to the news".
(a) will listen
(b) listen
(c) am going to listen
(d) am listening

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109. 'Hurry up! Madam ---------- be annoyed if we are late.
(a) will (b) is
(c) going to (d) are

110. We will ring you after we ---------- back.
(a) will be (b) are
(c) are going to be (d) were

In the questions below, the sentences have been given in Active/Passive voice. From the given alternatives, choose the one which best expresses the given sentence in Passive/Active voice.

111. After driving professor Kumar to the museum she dropped him at his hotel.
(a) After being driven to the museum, Professor Kumar was dropped at his hotel.
(b) Professor Kumar was being driven dropped at his hotel.
(c) After she had driven Prof Kumar to the museum she had dropped him at his hotel.
(d) After she was driven Prof Kumar to the museum she had dropped him at his hotel.

112. Who is creating this mess?
(a) Who has been created this mess?
(b) By whom has this mess been created?
(c) By whom this mess is being created?
(d) By whom is this mess being created?

113. They greet me cheerfully every morning.
(a) Every morning I was greeted cheerfully.
(b) I am greeted cheerfully by them every morning.
(c) I am being greeted cheerfully by them every morning.
(d) Cheerful greeting is done by them every morning to me.

114. The invigilator was reading out the instructions.
(a) The instructions were read by the invigilator.
(b) The instructions were being read out by the invigilator.
(c) The instructions had been read out by the invigilator.
(d) The instructions had been read by the invigilator.

115. You should open the wine about three hours before you use it.
(a) Wine should be opened about three hours before use.
(b) Wine should be opened by you three hours before use.
(c) Wine should be opened about three hours before you use it.
(d) Wine should be opened about three hours before it is used.

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In the following questions, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct speech.

116. The principal said, "Allah is one. The Holy Prophet Muhammad (PBUH) is His last Prophet".
(a) The principal told Allah is one the Holy Prophet Muhammad (PBUH) is His last Prophet.
(b) The principal said that Allah is one and that the Holy Prophet Muhammad (PBUH) is His last Prophet.
(c) The principal said Allah is one and the Holy Prophet Muhammad (PBUH) is His Prophet.
(d) The principal said that Allah was one and that the Prophet Muhammad (PBUH) was His last Prophet.

117. He said, "I shall get up early in the morning".
(a) He said that he would get up early in the morning.
(b) He said he would get up early in the morning.
(c) He said that he will get up early in the morning.
(d) He asked that he would get up early in the morning.

118. The traveler said, "Can you show me the way to the nearest inn"?
(a) The traveler asked that would he show him the way to the nearest inn.
(b) The traveler requested the man if he will show him the way to the nearest inn.
(c) The traveler requested the man if he can show him the way to the nearest inn.
(d) The traveler asked that will he show him the way to the neatest inn.

119. The teacher often says to me, "If you don't work hard, You will fail".
(a) The teacher often says to me that if I don't work hard I shall fail.
(b) The teacher often says to me if I don't work hard I shall fail.
(c) The teacher often said to me that if I don't work hard I shall fail.
(d) The teacher often says to me that if I didn't work hard I shall fail.

120. He said, "What is your problem?"
(a) He asked me what my problem was.
(b) He asked me what my problem is.
(c) He asked me what your problem was.
(d) He asked me what is your problem now.

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Four meanings each for the underlined phrases in the sentences below are given. Choose the one with correct meaning.

121. Rapid industrialization **has taken its toll** on environment.
(a) has damaged.
(b) has improved.
(c) has taken place.
(d) has had no effect.

122. You will have a difficult time but I **will see you through**.
(a) will meet you
(b) will see you in the end
(c) will support and help you till the end
(d) will not help

123. Now, don't **beat around the bush**. Come to the point.
(a) delay in approaching the matter
(b) speak nonsense angrily
(c) do unnecessary things
(d) circling and climbing hill

124. It seems the old man is **losing his mind**. He behaves strangely.
(a) losing his temper
(b) losing his patience
(c) becoming mad
(d) becoming forgetful

125. Don't **lose heart** just because you have failed in your first attempt.
(a) lose temper
(b) become sad and hopeless
(c) become angry
(d) lose health

Find the correctly spelt word .

126. (a) Parralelogram (b) Paralilogram (c) Parallelogram (d) Paralelogram

127. (a) Adulation (b) Adullation (c) Aduletion (d) Addulation

128. (a) Foreign (b) Foreine (c) Fariegn (d) Forein

129. (a) Lieutenant (b) Leiutenant (c) Lieutinant (d) Lieutenat

130. (a) Ommineous (b) Omineous (c) Ominous (d) Omenous

Choose the appropriate synonym for each of the words below.

131. **Agrarian.**
(a) Undomesticated
(b) Cultivate
(c) Urban
(d) Metropolitan

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132. **Vigorously**.
(a) Slowly
(b) Steady
(c) Aggressively
(d) Dull

133. **Kinetic**.
(a) Peppy
(b) Apathetic
(c) Inactive
(d) Lethargic

134. **Amiable**.
(a) Aloof
(b) Mean
(c) Unkind
(d) Affable

135. Turbulent.
(a) Calm
(b) Settled
(c) Quite
(d) Disordered

Choose the appropriate antonyms for each of the words below

136. **Coercive**.
(a) Progressive
(b) Promoting
(c) Opinionated
(d) Gentle

137. **Sinister**.
(a) Good
(b) Evil
(c) Long
(d) Short

138. **Provoke**.
(a) Insult
(b) Anger
(c) Encourage
(d) Soothe

139. **Dearth**.
(a) Abundance
(b) Shortage
(c) Famine
(d) Sufficiency

140. **Autonomy**.
(a) Government
(b) Dependence
(c) Liberty
(d) Freedom

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Fill in the blanks choosing the most appropriate word from the given options.

The Constitution of India is one **(141)** ..... the world's lengthiest **(142)** ---------- Constitutions with 395 articles and 12 schedules. It was passed **(143)** ..... 26 November 1949 by **(144)** ---------- Constituent Assembly and **(145)** ---------- fully applicable since 26 January 1950.

141. (a) on (b) at (c) of (d) upon

142. (a) been written (b) written (c) has written (d) above

143. (a) across (b) upon (c) at (d) on

144. (a) an (b) its (c) a (d) the

145. (a) become (b) became (c) has become (d) had become

Replace the phrasal verbs in italics with a suitable alternative verb.

146. The foundation ***comes up with*** the idea of providing teachers in rural areas with more teaching resources.
(a) Refuses (b) Postpones
(c) Accepts (d) Proposes

147. In a typical large-scale company, many departments have to ***look over*** a single business plan.
(a) Develop (b) Examine
(c) Reinforce (d) Justify

148. The government needs to further develop the public transport system if it wishes to encourage more people to ***give up*** driving private vehicles.
(a) Continue (b) Desist (from)
(c) Consider (d) Testify

149. Tourists are advised to ***look out*** regularly because of the increasing rate of crime in this city.
(a) Communicate (b) Gather
(c) Beware (d) Polish

150. She is ***depending on*** the bank loan for her higher study.
(a) Banking on (b) Banking away
(c) Banking off (d) Banking up

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SOCIAL SCIENCE

151. In which year was the first English factory set up?
(a) 1651
(c) 1517
(b) 1761
(d) 1832

152. Who was the Governor General of India when the policy of Paramountcy was initiated?
(a) Lord Clive
(c) Lord Cornwallis
(b) Lord Hastings
(d) Lord Dalhousie

153. Who tried the Ryotwari System on a small scale?
(a) Holt Mackenzie
(c) Lord Munroe
(b) Capt Alexander Read
(d) Lord Cornwallis.

154. The tribal group to which Birsa Munda belonged lived in _____.
(a) Patna
(c) Nalanda
(b) Bengal
(d) Chottanagpur

155. The traders exported cocoons reared by Santhals to _____.
(a) Madras
(c) Gaya
(b) Calcutta
(d) Bombay

156. In 1850, a new law was passed to make conversion to _____ easier.
(a) Christianity
(c) Islam
(b) Hinduism
(d) Buddhism

157. In which year was power transferred from East India Company to British Crown?
(a) 1832
(c) 1870
(b) 1776
(d) 1858

158. What is Jamdani?
(a) Jewellery
(c) Flowers
(b) Fine Muslin
(d) A Book

159. Who amongst the following set up the Asiatic Society of Bengal?
(a) William Jones
(c) Lord Clive
(b) Lord Curzon
(d) Lord Hastings

160. Who led three movements for temple entry from 1927 to 1935?
(a) Raja Rammohan Roy
(c) Dr Ambedkar
(b) Vidyasagar
(d) Annie Besant.

161. What is the exclusive right over any idea or invention known as?
(a) Copyright
(c) Innovation
(b) Patent
(d) Joint Company

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162. Resources whose entire quantity may not be known is known as:-
(a) Actual resources
(b) Ubiquitous
(c) Potential resources
(d) Biotic

163. Stones, grass and soil are used to build barriers along contours. This is known as:-
(a) Contour barriers
(b) Mulching
(c) Contour ploughing
(d) Intercropping

164. An international convention that lists several species of animals and birds in which trade is prohibited is known as:-
(a) UNO
(b) SAARC
(c) NATO
(d) CITES

165. Minerals that lie near the surface are simply dug out. What is this process known as?
(a) Drilling
(b) Shaft Mining
(c) Quarrying
(d) Open-Cast Mining

166. Which of the following is related to deposits of Gold?
(a) Kolar
(b) Odisha
(c) Bihar
(d) Rajasthan.

167. From which ore is Aluminum obtained that is later used in automobiles?
(a) Bauxite
(b) Tin
(c) Manganese
(d) Copper

168. Which of the following is the leading producer of coffee in the world?
(a) India
(b) Peru
(c) Brazil
(d) Kenya

169. Which of the following is often called the backbone of modern industry?
(a) Iron
(b) Bronze
(c) Copper
(d) Steel

170. What is the difference between the birth rate and death rate of a country called?
(a) Birth Rate
(b) Death Rate
(c) Natural Growth Rate
(d) Migration

171. Existence of more than one level of government in a country is known as:-
(a) Federalism
(b) Separation of Powers
(c) Parliamentary Form of Government
(d) Democracy

172. Which article of the Constitution abolishes Untouchability?
(a) Article 18
(b) Article 15
(c) Article 17
(d) Article 14

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173. Which term refers to an independent people?
(a) Secularism
(b) Sovereign
(c) Federalism
(d) Socialist

174. The fundamental duties are included in the constitution by which of the following act?
(a) 40th Amendment Act
(b) 44th Amendment Act
(c) 43rd Amendment Act
(d) 42nd Amendment Act

175. How many Sessions of the Lok Sabha are held in a year?
(a) 4
(b) 2
(c) 3
(d) 5

176. The Parliament, while in session, begins with a _____.
(a) Discussion
(b) Question Hour
(c) First Reading
(d) Second Reading

177. In which year was the Hindu Succession Amendment Act passed?
(a) 2010
(b) 2000
(c) 2005
(d) 1990

178. When did the Supreme Court devise a mechanism of Public Interest Litigation ?
(a) 1970
(b) 1995
(c) 1988
(d) 1984

179. Who chaired a high level committee in 2005?
(a) Justice Nair
(b) Justice R V Prasad
(c) Justice Rajinder Sachar
(d) Justice Kumar

180. Which Article of the Constitution states that untouchability has been abolished?
(a) Article 17
(b) Article 20
(c) Article 22
(d) Article 25

HINDI (हिंदी)

ऊत्तर पुस्तिका में उत्तर अंकित करने के लिए पश्न संख्या – 181 से 200 तक क,ख, ग, घ को A,B,C,D का पर्याय समझा जाये|

181. हिंदी में ह्रस्व स्वर कितने है?
(क) तीन
(ख) चार
(ग) पांच
(घ) दो

182. "ज" किस वर्ग का वर्ण है?
(क) कवर्ग
(ख) तवर्ग
(ग) टवर्ग
(घ) चवर्ग

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183. मनु, जनु, मानो, जानो, आदि वाचक शब्दों का प्रयोग किस अलंकार में होता है?
(क) उपमा
(ख) उत्प्रेक्षा
(ग) रूपक
(घ) अनुप्रास

184. निम्न लोकोक्ति के सही अर्थ का चयन कीजिए- " अंधों में काना राजा "
(क) मूर्ख राजा
(ख) अंधों में एक आंख वाला
(ग) मूर्खों में कम ज्ञान वाला भी आदर पाता है।
(घ) अंधों पर राज्य करने वाला काना होता है।

185. दिए गए वाक्यों में से शुद्ध वाक्य चुनिए:-
(क) बहुत बोलता कम है राम।
(ख) राम बहुत कम बोलता है।
(ग) बोलता बहुत कम राम है।
(घ) राम है कम बहुत बोलता।

186. निम्नलिखित वाक्यों में से अकर्मक क्रिया वाले वाक्य को चुनिए:-
(क) वह अमरूद खाएगा।
(ख) नानी ने मुझे पैसे दिए।
(ग) कुत्ता भौंक रहा है।
(घ) मीना ने मुझे कॉफी पिलायी।

187. क्रिया-विशेषण में विशेषण किसकी विशेषता प्रकट करते हैं?
(क) संज्ञा
(ख) सर्वनाम
(ग) क्रिया
(घ) अव्यय

188. शब्द का शुद्ध रुप है?
(क) ओष्ठ
(ख) ओष्ट
(ग) औष्ट
(घ) औष्ठ

189. सारंग शब्द का सही अर्थ है?
(क) हिरण
(ख) हाथी
(ग) देवता
(घ) मोर

190. न्यून शब्द का विलोम है?
(क) अधिक
(ख) अदिक
(ग) अभिक
(घ) कोई नही

191. किस शब्द मे अप उपसर्ग का प्रयोग नही हुआ है?
(क) अपशब्द
(ख) अपना
(ग) अपयश
(घ) अपकीर्ति

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192. द्विगु समास नही है?
(क) पंचतंत्र (ख) तिरंगा
(ग) बीचो बीच (घ) कोई नही

193. हिंसक शब्द से बनी भाव वाचक संज्ञा है?
(क) हिंसा (ख) हिंसकी
(ग) हिंसकपन (घ) हिंसाभाव

194. किस शब्द मे एकवचन और बहुवचन रुप समान है?
(क) बाजा (ख) छाता
(ग) मामा (घ) तोता

195. वक्ता अपने लिए जिस सर्वनाम का प्रयोग करता है, उसे .....सर्वनाम कहते हैं।
(क) निश्चयवाचक (ख) प्रश्नवाचक
(ग) संबंधवाचक (घ) उत्तमपुरुषवाचक

196. "अक्षि" शब्द का तद्भव शब्द लिखिए।
(क) लाख (ख) राख
(ग) आंख (घ) लक्ष्य

197. 'कनक' शब्द का पर्यायवाची लिखिए।
(क) चांदी (ख) कंगन
(ग) सोना (घ) चूड़ी

198. अर्थ के आधार पर वाक्य के कितने भेद होते हैं?
(क) दो (ख) तीन
(ग) पांच (घ) आठ

199. संयुक्त व्यंजन कितने हैं?
(क) तीन (ख) चार
(ग) पांच (घ) छह

200. 'बालक शेर से डरता है'। रेखांकित कारक का नाम है:-
(क) करणकारक (ख) कर्मकारक
(ग) कर्ताकारक (घ) अपादानकारक

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