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2022



Students of Class V to X

SAMPLE TEST PAPER FOR STAGE - I

CLASS V

"TALLENTEX COORDINATION CELL"

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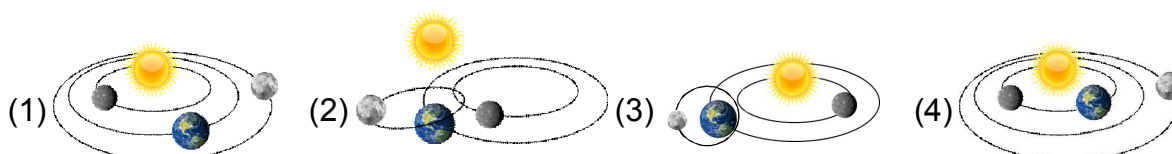
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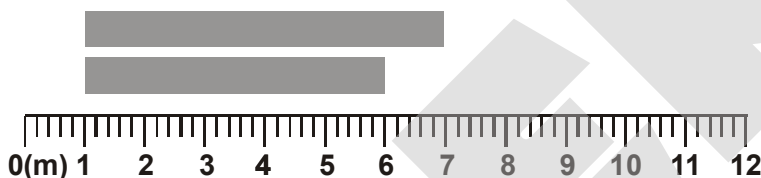
PART - I
PHYSICS
(OBJECTIVE)

- The path of planet around the sun is called its
(1) Spin (2) Rotation (3) Revolution (4) Orbit
- Which of the following is renewable source of energy but not conventional source of energy ?
(1) Solar energy (2) Coal (3) Wood (4) Petroleum
- Which of the following is not a celestial body ?
(1) Comet (2) Star (3) Earth (4) Mountain
- Nearest star from earth is
(1) Alpha centauri (2) Beta centauri (3) Sun (4) Moon
- Which of the following planet is close to the sun?
(1) Earth (2) Mars (3) Mercury (4) Jupiter
- Which among the following is/are being utilised these days as based on inexhaustible source of energy ?
(i) Solar cooker (ii) Wind mills (iii) Petrol (iv) Water
(1) (i) and (ii) (2) (i),(ii),(iii) (3) (i) and (iii) (4) (i),(ii),(iv)
- Which is not a natural phenomena?
(1) Earthquakes (2) Cyclones (3) Lightning (4) Earthing
- What is the axial tilt of the earth ?
(1) 17.5° (2) 48.5° (3) 23.5° (4) 12.7°
- Global warming is related to which set of gases ?
(1) Sulphur dioxide, nitrogen, carbon dioxide, ozone
(2) Chlorofluoro carbon, oxygen, nitrogen, carbon dioxide
(3) Methane, carbon dioxide, nitrous oxide, water vapour
(4) Oxygen, carbon dioxide, ozone, methane
- Which of the following figures shows the correct positions of the Sun, earth, mercury and the moon in the solar system?



(INTEGER)

11. How many statements of the following is/are true about the force ?
- (i) Force is an effect in the form of a push or pull.
 - (ii) Force produces or tries to produce motion in a body at rest.
 - (iii) Force may stop or try to stop a moving body.
 - (iv) Force may change or try to change the direction of motion of the body.
 - (v) Force may change shape of the body.
12. The given figure shows two wooden pieces. What is the difference in length between the wooden pieces in metres?



13. Work is done when you
- (i) Kick a football
 - (ii) Push a door and it opens
 - (iii) Hold a glass
 - (iv) Hammer a nail and it moves in the wooden slab
 - (v) Watch a movie sitting on a sofa
14. How many statements is/are true out of the following ?
- (i) The ultimate source of energy on earth is sun.
 - (ii) Solar energy can be converted into electrical energy using solar cell.
 - (iii) The ultimate source of energy on earth is plants and coal.
 - (iv) Flowing water has energy.
 - (v) Water stored at a certain height has energy.
15. There are 2 trees in the park. Taller tree is 8 feet 8 inch. The shorter tree is 6 inches shorter than half of the height of taller tree. What is the height of shorter tree in inch ?
16. How many minutes are there in 12 hours ?

17. When a person speaks on a microphone, how many of the following is/are false about the given statement ?
- (i) Sound energy is converted into Hydro energy
 - (ii) Sound energy is converted into Solar energy.
 - (iii) Sound energy is converted into Chemical energy
 - (iv) Sound energy is converted into Electric energy
 - (v) Sound energy is converted into Geothermal energy
18. If the height of stack is 2cm and total number of paper sheets is 100 then the thickness of paper is $n \times 10^{-2}$ cm. Find the value of n.
19. A porter wanted to move 8 kg of mass on a horizontal plane for 10 m distance, but unable to do so. The work done by gravitational force acting on it would be _____ .
20. How many statements is/are true out of the following ?
- (i) Powder applied on a carrom board increases friction.
 - (ii) The Gravitational force acts between all objects.
 - (iii) Moon is the ultimate source of energy.
 - (iv) Force has to be applied to change the direction of a moving object.
 - (v) Gravitational force acts on a block by earth, even if it is placed on a table.

CHEMISTRY (OBJECTIVE)

21. Which of the following have definite volume but not definite shape?
- (1) Gas (2) Solid (3) Liquid (4) Plasma
22. Which of the following is not true for gas?
- (1) Definite mass (2) Definite volume
(3) Indefinite shape (4) More intermolecular distance
23. Raju is helping to conserve water when he _____ .
- (1) Brushes his teeth with water running from the tap.
 - (2) Washes the vegetables under a running tap.
 - (3) Uses water from the drain to cook.
 - (4) Turns off taps when not in use.
24. When a salt is dissolved in water. The is formed.
- (1) Solvent (2) Solution (3) Water (4) Solubility

25. Match the following column I and II and select correct answer.

Column I		Column II	
a	Solid	i	Inter particle space is very-very small and have definite shapes and volume
b	Liquid	ii	Inter particle space is very high and have indefinite shape and volume
c	Gas	iii	Moderate inter particle space and have an indefinite shape but definite volume

- (1) a-ii, b-i, c-iii (2) a-iii, b-ii, c-i (3) a-i, b-iii, c-ii (4) a-ii, b-iii, c-i

26. Which of the following statement is correct for the process of contraction of matter.

- (i) Interparticle of matter increases on cooling
 (ii) Interparticle of matter decreases on cooling
 (iii) Interparticle of matter decreases on heating
 (iv) Interparticle of matter increases on heating

- (1) only ii (2) i, ii, iii (3) i and ii (4) only iii

27. Rocks which are formed in layers are called

- (1) Sedimentary rocks (2) Igneous rocks
 (3) Metamorphic rocks (4) Granite rock

28. Which of the following is a set of immiscible substance?

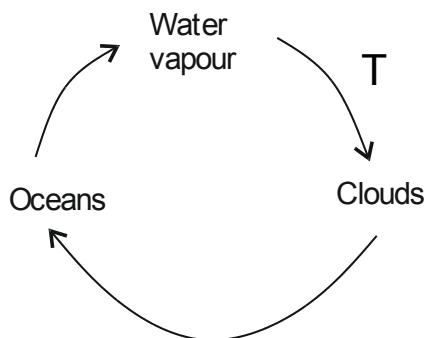
- (1) Vinegar, water (2) Oil, water (3) Alcohol, water (4) Lemon Juice, water

29. Which of the following statements is/are correct?

- (i) Calcite and quartz are examples of metallic minerals.
 (ii) Gneiss rock is formed from granite.
 (iii) Obsidian rock is formed by the quick cooling of lava.

- (1) i, ii and iii (2) iii only (3) ii and iii only (4) ii only

30. The diagram given below shows a part of the water cycle.



What is the process taking place at the arrow labelled T?

- (1) Melting (2) Condensation (3) Evaporation (4) Precipitation

(INTEGER)

31. How many of the following are metallic minerals ?
Calcite, Mica, Gold, Feldspar, Silver, Copper, Talc, Iron, Aluminium, Quartz, Diamond
32. How many statements from the following are true?
(i) Atom is made up of molecules.
(ii) Different things have different shapes and sizes.
(iii) Oxygen is a colourless gas.
(iv) Solute is substance which gets dissolved in solvent.
(v) An oxygen molecule is made up of two oxygen atoms.
(vi) CO₂ gas is slightly soluble in water.
33. How many statements given below are correct?
(i) In a solid, molecules are packed the closest together.
(ii) Gases have definite mass, definite volume but indefinite shape.
(iii) Liquids can be compressed easily.
(iv) Gas particles have most energy in all three states of matter.
(v) Solid melt when solid particle absorb energy and liquid freeze when liquid release energy.
(vi) All matter do have same boiling point, melting point and freezing point.
34. Boiling point of liquid water at 1 atm pressure is _____ °C.
35. How many of the following are composition of soil ?
Gravel, Sand, Clay particles, Minerals, Humus, Water, Air
36. In the following list of the substances. How many are able to sublime?
Salt, sugar, water, air, camphor
37. Number of type of weather from the below list is -
(i) Rainy, (ii) Sweet, (iii) Salty, (iv) Heavy, (v) Stormy,
(vi) Sunny, (vii) Slow, (viii) Cloudy, (ix) Dry, (x) Humid
38. How many types of rocks are there according to their formation? Write your answer in integer form.
For example, if answer is 5 then it will be written as 505.
39. Which of the following are examples of matter?
(i) Hydrogen (ii) Smell (iii) Almonds
(iv) Thoughts (v) Aerated cold drink (vi) Love
(vii) Gold (viii) Sound wave (ix) Water (x) Air
40. Number of substances having definite volume but indefinite shape from below list is
(i) Basket ball, (ii) Milk (iii) Coconut water,
(iv) Honey, (v) Mobile phone, (vi) Water vapour
(vii) Iron block, (viii) Oil

BIOLOGY
(OBJECTIVE)

41. The process in which green plants and few organisms use sunlight to synthesize food is known as _____
 (1) Chemosynthesis (2) Photosynthesis (3) Food chain (4) Food web
42. Which of the following organisms can survive in cold region ?
 (1) Penguin (2) Camel (3) Kangaroo rat (4) Deer
43. Name the liquid secreted in the oral cavity when we are eating something.
 (1) Saliva (2) Bile (3) Acid (4) None of these
44. Which of the following is a kharif crop ?
 (1) Wheat (2) Barley (3) Gram (4) Jowar
45. Which of the following is not true
 (1) Dolphins do not have lungs.
 (2) Whales have to come up to the surface water to breathe
 (3) Whales do not have gills.
 (4) Dolphins and whale both have lungs.
46. Identity A, B and C.
- | Part of seedling | Function |
|------------------|------------------------|
| A | Forms the root |
| B | Provides food |
| C | Develop leaves & stem. |
- (1) A- Plumule, B- Radicle, C- Cotyledon (2) A- Radicle, B- Cotyledon, C- Plumule
 (3) A- Cotyledon, B- Radicle, C- Plumule (4) A- Plumule, B- Cotyledon, C- Radicle
47. What is the muscular bag like structure of digestive system
 (1) Liver (2) Intestine (3) Stomach (4) Food pipe
48. Which of the following are symptoms of Malaria?
 (1) Fever and stomach pain (2) Fever with chills and sweating
 (3) Fever, vomiting and loose motion (4) Indigestion and fever
49. Which of the following is an aquatic plant?
 (1) Venus fly trap (2) Sunflower (3) Jasmine (4) Lotus
50. Iodine test is done to test the presence of
 (1) Sucrose (2) Glucose (3) Starch (4) Chlorophyll

(INTEGER)

51. Read the following statements:
- Photosynthesis takes place in the leaves which contain chlorophyll.
 - The leaves appear green due to the presence of chlorophyll.
 - By using a lens, we can observe some small openings in the back side of a leaf. These openings are called stomata.
 - Stomata helps in gaseous exchange. During photosynthesis, plants take in carbon dioxide and gives out oxygen.
 - The leaf uses the energy of sunlight and changes water and carbon-dioxide into a kind of sugar which is the food.
 - The left out sugar is converted into glycogen and stored in fruits, seeds, leaves, root and stems.
- How many statements are correct?

52. An old pot kept in a house for so many days, filled with water. What kind of disease are linked with it. Choose the correct set of diseases.
- | | | |
|---------------|--------------------|-----------------------|
| (i) Polio | (ii) Tuberculosis | (iii) Night Blindness |
| (iv) Dengue | (v) Malaria | (vi) Pneumonia |
| (vii) Tetanus | (viii) Chikungunya | |

53. How many of these animals have thick layer of fat called blubber under their skin?
- | | | |
|-----------------|-------------|--------------|
| (i) Seals | (ii) Whales | (iii) Walrus |
| (iv) Polar bear | (v) Penguin | |

54. Check column I and column II.

	Column - I		Column - II
1	Pine	A	Cold Climate
2	Venus Fly trap	B	Parasitic plant
3	Mould	C	Fungi
4	Hydrilla	D	Terrestrial plant
5	Vallisneria	E	Aquatic plant
6	Cactus	F	Desert Plant
7	Yeast	G	Fungi
8	Duckweed	H	Insectivorous plant

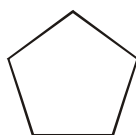
How many are correctly matched.

55. In India, crops that are grown in winter season are called Rabi crops. How many of the following are Rabi crops?
- | | | |
|-------------|----------------|-----------------|
| (i) Wheat | (ii) Mustard | (iii) Groundnut |
| (iv) Cotton | (v) Pea | (vi) Maize |
| (vii) Rice | (viii) Linseed | |

56. Polar bear is an animal that live in cold climate. It has many adaptations to live in cold climate like
- (i) It has a thick layer of fat called blubber
 - (ii) It has long curved and sharp claws on its paws.
 - (iii) It lives in big dens in snow.
 - (iv) It has long and strong gripping tail.
- How many adaptations are correct from above statements?
57. Select the number of plants which can grow by using stem.
- (i) Sugarcane
 - (ii) Bryophyllum
 - (iii) Ginger
 - (iv) Potato
 - (v) Sweet potato
 - (vi) Rose
58. How many of the following statements are correct with respect to digestion ?
- (i) Muscular bag of digestive system is called stomach
 - (ii) Tiny bumps present on the tongue are called smell buds
 - (iii) Back part of tongue tastes bitter
 - (iv) Stomach churns the food to digest it
 - (v) Water absorption takes place in large intestine from undigested food
59. Which of the following statements are correct?
- (i) Sugarcane can grow through stems
 - (ii) Turnip can grow through roots
 - (iii) Spiny seeds are dispersed by water.
 - (iv) The process of scattering seeds is called germination.
 - (v) Plant do not need air, water and sunlight.
 - (vi) A baby plant is called seedling.
 - (vii) Roots help in making food.
60. How many statement(s) is (are) correct?
- (i) Every living organism requires food for their survival.
 - (ii) Break down of food into smaller units means digestion.
 - (iii) Small intestine do not help in digestion
 - (iv) Stomach helps in digestion of food.
-

MATHEMATICS (OBJECTIVE)

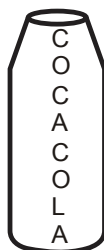
61. Which closed figure is this ?




- (1) Octagon (2) Hexagon (3) Pentagon (4) Triangle

62. 5000 decagram = _____ kg
 (1) 50 (2) 5 (3) 0.5 (4) 100

63. What is the top view of the can shown below?



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

64. Sum of place values of the digit 8 is 896.368.
 (1) 800.08 (2) 800.008 (3) $\frac{8}{100}$ (4) $8 + \left(\frac{8}{100}\right)$

65. A _____ is bounded by three line segments.
 (1) Rectangle (2) Circle (3) Square (4) Triangle

66. Three tanks contain 250, 500 and 750 litres of water respectively. Find the largest capacity of a container that can measure the water of each tank the exact number of times.

- (1) 150 l (2) 250 l (3) 350 l (4) 450 l

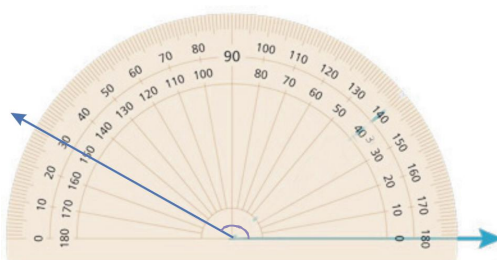
67. Find the smallest number which when divided by 5, 10, 15 and 25 leaves no remainder?

- (1) 210 (2) 150 (3) 60 (4) 45

68. There are XC students in Class 8th. XL students are absent today. How many students are present (in roman numeral) ?

- (1) L (2) XL (3) LX (4) X

69. Sohan drew an angle that was half the measure of angle shown in the figure. What type of angle did Sohan draw ?



- (1) Right (2) Acute (3) Obtuse (4) Reflex angle

70. What will be the value of ☺?

$$17\frac{2}{3} = 17 + (\text{☺} + \text{☺})$$

(1) $\frac{1}{3}$

(2) $\frac{1}{6}$

(3) $\frac{2}{3}$

(4) $\frac{4}{3}$

71. Tank A contains 6 times as much water as Tank B. How much water must Manoj transfer from Tank A to Tank B so that each tank contains 70 litres of water ?

(1) 50 litres

(2) 60 litres

(3) 75 litres

(4) 120 litres

72. The product of the place value of two three's in 53432 is

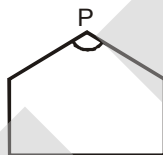
(1) 9000

(2) 90000

(3) 10000

(4) 99000

73. Which type of angle best describes angle P ?



(1) Obtuse

(2) Acute

(3) Right

(4) Straight

74. What is the greatest number that will divide 45 and 90 without leaving a remainder ?

(1) 9

(2) 18

(3) 27

(4) 45

75. The sum of the first two common multiples of 9 and 12 is _____.

(1) 21

(2) 36

(3) 63

(4) 108

76. The weight of 1 apple is 50 grams and that of melon is 500 grams. What is the weight of 3 melon and 10 apples together in grams ?

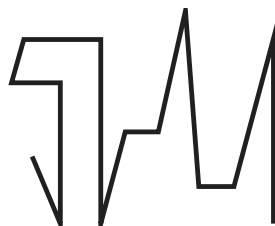
(1) 1000 g

(2) 2000 g

(3) 4000 g

(4) 3000 g

77. How many horizontal lines are there in the given figure.



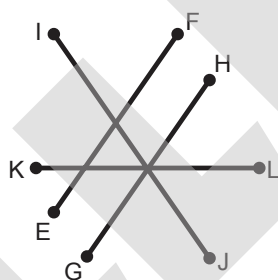
(1) 1

(2) 5

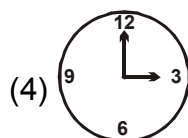
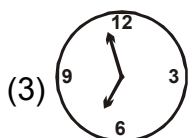
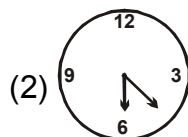
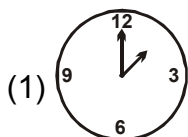
(3) 3

(4) 4

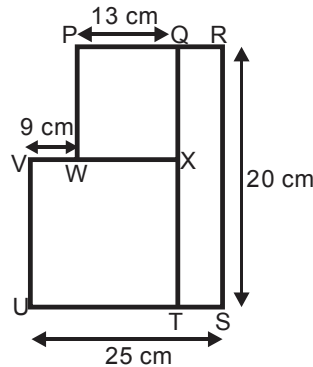
78. A rectangular park whose length is 30.5 m and breadth 20.5 m is to be fenced with a barbed wire. Find the length of the barbed wire needed?
 (1) 162 m (2) 184 m (3) 58 m (4) 102 m
79. Which of the following number is equal to 1 billion?
 (1) 10 lakhs (2) 1 Crore (3) 10 Crores (4) 100 Crores
80. The area of a square is equal to the area of a rectangle of length 8 cm and breadth 2 cm. Then the side of the square is _____
 (1) 6 cm (2) 4 cm (3) 3 cm (4) 8 cm
81. The capacity of water tank should be measured in _____
 (1) Grams (2) Inches (3) Litres (4) Metres
82. Raghav drew the line segments shown here on a piece of paper. Which of the following pairs of line segments appears to be parallel ?



- (1) \overline{GH} and \overline{KL} (2) \overline{GH} and \overline{IJ} (3) \overline{EF} and \overline{KL} (4) \overline{EF} and \overline{GH}
83. A lane 150 m long and 9 m wide is to be paved with rectangular tiles each measuring 22.5 cm by 7.5 cm. How many tiles are required.
 (1) 65000 (2) 70000 (3) 75000 (4) 80000
84. Which among the option shows 90° angle between the hands of the clock



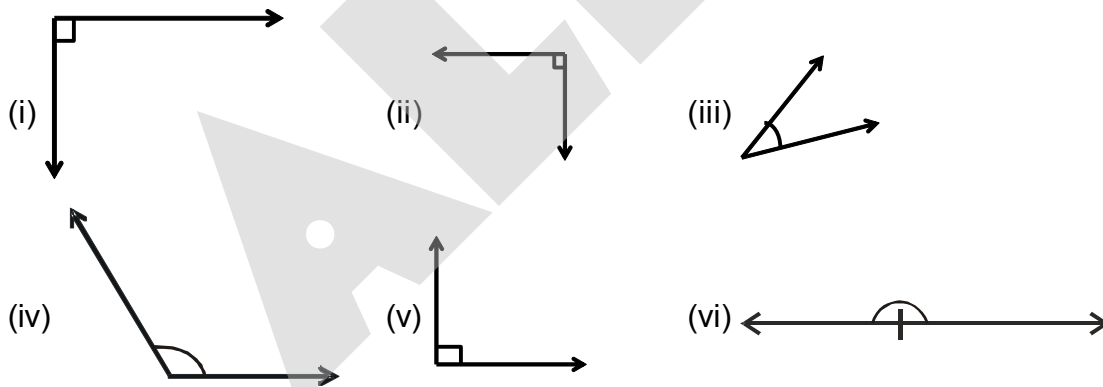
85. If QRST and TUVX are rectangles and PQXW is a square, then the perimeter of the given figure is _____.



- (1) 87 cm (2) 92 cm (3) 88 cm (4) 90 cm

(INTEGER)

86. $636 \times 100 = 636 \times 4 \times \dots\dots\dots$
Find the missing number.
87. Fence of a square garden is 20 m in length. How long (in m) is one side of the garden?
88. The area of rectangle is 120 sq. m and its breadth is 5 m. Find its length (in m) ?
89. How many angles are 90° ?



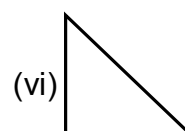
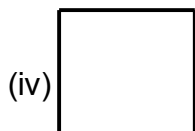
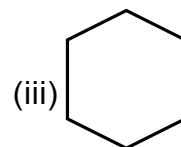
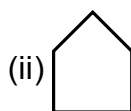
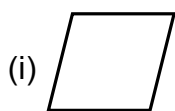
90. Imran plans to tile his kitchen floor with green square tiles. Each side of the tile is 10 cm. His kitchen is 220 cm in length and 180 cm wide. How many tiles will he need?



91. Find the number of sides in the shapes

92. A thin wire 20 centimetres long is formed into a rectangle. If the width of this rectangle is 4 centimeters. What is its length (in cm) ?

93. How many figures given below are closed ?



94. The largest number less than 100 divisible by 15 is decreased by 5. What is the highest prime factor of the resultant number ?

95. What is the HCF of two co-prime numbers ?

96. How many of the given letters have parallel lines?

L O G I C

97. James drew a line for a play activity. It is 5 meters long. How many centimeters is the line ?

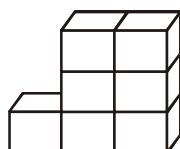
98. How many faces does the given solid has ?



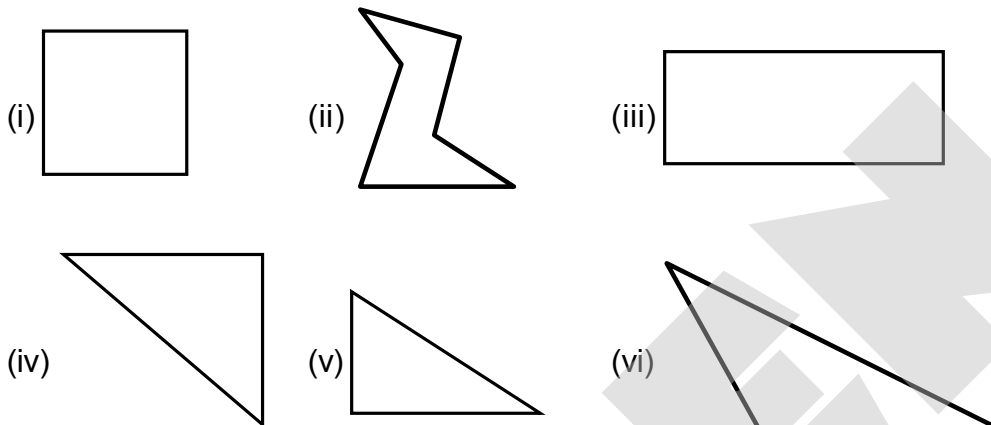
99. In the given sum the same number is missing from each box. What is the number ?

$$\begin{array}{r}
 8 \quad \boxed{?} \quad 6 \quad 1 \\
 6 \quad 8 \quad 2 \quad 9 \\
 + \quad \boxed{?} \quad 3 \quad 6 \\
 \hline
 1 \quad 5 \quad 7 \quad 2 \quad 6
 \end{array}$$

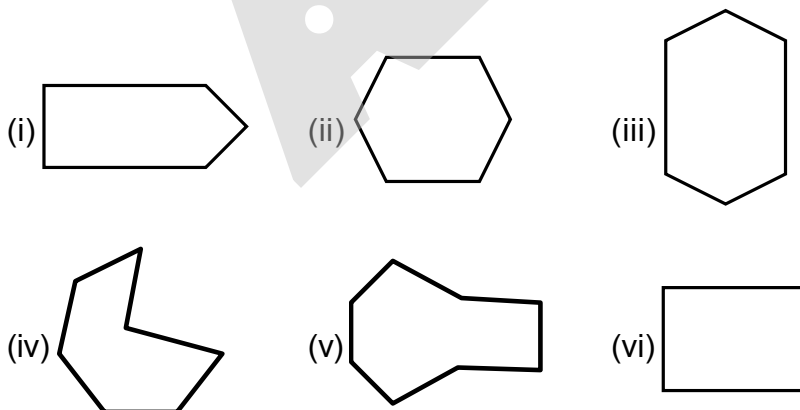
100. How many cubes are there in the figure?



101. What is the sum of the numbers that are multiples of 7 as well as factor of 42 ?
102. 'm' is a multiple of 8 and a factor of 48. Find the least possible value of 'm' rather than 8.
103. Find the sum of all factors of 100.
104. How many figures given below have all angles equal?

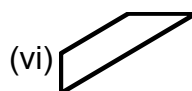
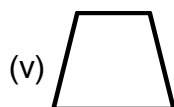
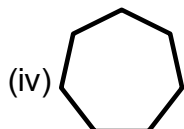
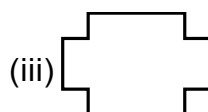
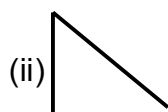
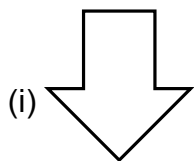


105. Simplify : $3 + 21 \times 6 - (24 - 4) =$ _____.
106. The length of a rectangular hall is 32 m, and width is 16m. If it can be partitioned into two equal square rooms, what is the length of the partition (in m) ?
107. Simplify : $5 \times 2 + (37 + 3 \times 5) + 37$
108. How many of the following figures have 7 sides?



109. The cost of putting a fence around a square field at Rs. 25 per metre is Rs. 2000. Find the length to each side of the field (in metre).

110. How many of the following are not a polygon.



PART - II
IQ
(OBJECTIVE)

111. Arrange the given words as they are arranged in dictionary.

1. Chemistry

2. Chamber

3. Cheap

4. Cheerful

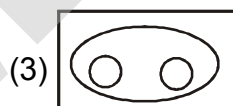
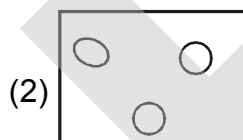
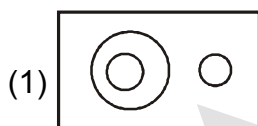
(1) 2, 1, 3, 4

(2) 3, 4, 2, 1

(3) 2, 4, 3, 1

(4) 2, 3, 4, 1

112. Which of the following diagrams indicates the best relation between page, chapter and Book?



113. Choose the word which is different from the rest.

(1) Chicken

(2) Snake

(3) Swan

(4) Crocodile

114. Correct choice for the next letter in the series is

B, D, F, H, J, L,

(1) N

(2) M

(3) O

(4) P

115. Which is the correct water image from the given four images.

DISC

(1) CSID

(2) ɹǝɹɹ

(3) DI2C

(4) DISC

116. Choose the word which is different from the rest.

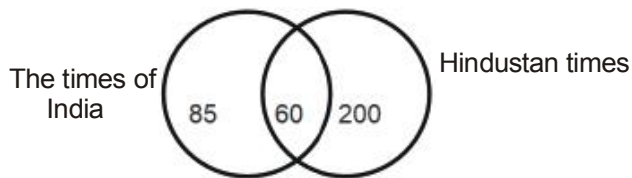
(1) Sparrow

(2) Swan

(3) Parrot

(4) Koel

117. Group A and B represent two sets of people which are divided into 2 groups on basis of their preference of reading newspaper as shown below. How many people reads both the news paper



- (1) 85 (2) 200 (3) 60 (4) 20

118. Choose the alternative which closely resembles the mirror image of the given figure(X)



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

119. Find the missing term in the given series.

PKC, SPF, XSK, AXN, __, IFV

- (1) CAQ (2) FCS (3) FAS (4) CFS





120. In the following question, a group of letters is given which are numbered 1, 2, 3, 4 and 5. Given below are four alternatives containing combinations of these numbers. Select the combination of numbers so that letters arranged accordingly, form a meaningful word.

R U S G A
1 2 3 4 5

- (1) 1, 5, 4, 2, 3 (2) 5, 3, 4, 1, 2 (3) 3, 2, 4, 5, 1 (4) 4, 5, 3, 2, 1

121. Choose the alternative which closely resembles the Mirror image of the given figure(X).

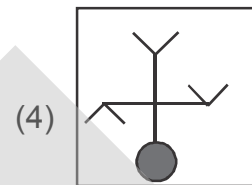
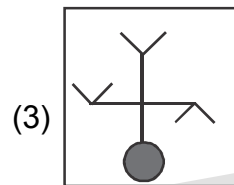
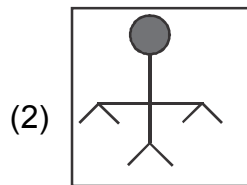
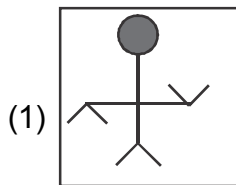
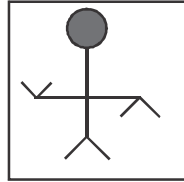


- (1)  (2)  (3)  (4) 

122. Choose the word which is different from the rest.

- (1) Calendar (2) Year (3) Date (4) Month

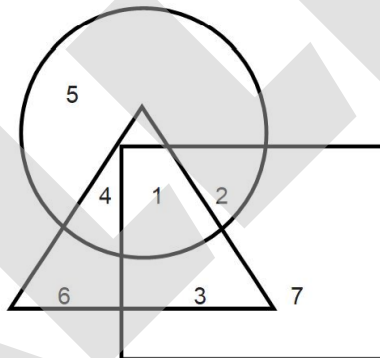
123. What will be the water image of the given question figure?



124. If the following four words are arranged in alphabetical order, which word will come fourth?

- (1) Marry (2) Client (3) Mentor (4) Face

125. In the figure given below circle represent hardworking, triangle represent sincere and rectangle represent intelligent. Find out the hard working who are intelligent but not sincere?

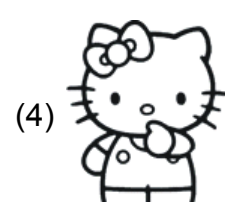
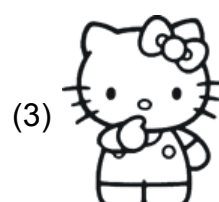
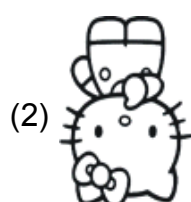
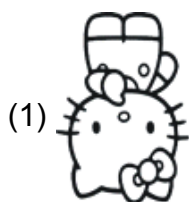


- (1) 1 (2) 2 (3) 3 (4) 4

126. Find the mirror image of given figure.



(X)



127. Find the odd one out :

- (1) H (2) M (3) E (4) Z

128. Choose the alternative which is closely resembles the water image of the given combination
STROKE

- (1) Ǝ꠵ꠂ꠆ꠂ꠆ (2) ꠂ꠆ꠂ꠆ꠂ꠆ (3) ꠂ꠆ꠂ꠆ꠂ꠆ꠂ꠆ (4) ꠂ꠆ꠂ꠆ꠂ꠆ꠂ꠆

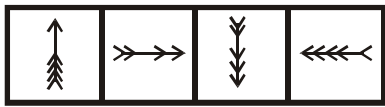
129. Find which one word can not be made from the word 'LIBERAL' ?

- (1) BALL (2) REAL (3) BEAR (4) BARK

130. Which of the following diagrams indicates the best relation between India, Haryana and World?



131. Choose the figure which is different from the rest



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

132. Find the mirror image of the given word.

MALAYALAM

- (1) MALAYALAM (2) MAJAJAJAM (3) MΛΛYΛYΛΓΛM (4) MΛΓAYΛΓAM

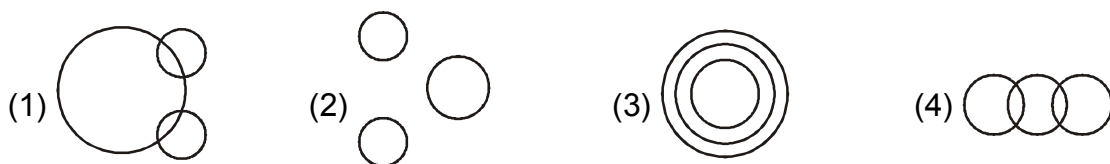
133. Choose the alternative which is closely resembles the water - image of the given combination
PEACOCK

- (1) ꠂEΛꠂ꠆ꠂ꠆ꠂ꠆ (2) ꠂEΛꠂ꠆ꠂ꠆ꠂ꠆ (3) ꠂEΛꠂ꠆ꠂ꠆ꠂ꠆ꠂ꠆ (4) ꠂEΛꠂ꠆ꠂ꠆ꠂ꠆ꠂ꠆

134. In the English Alphabet, which letter is 8th from the left end ?

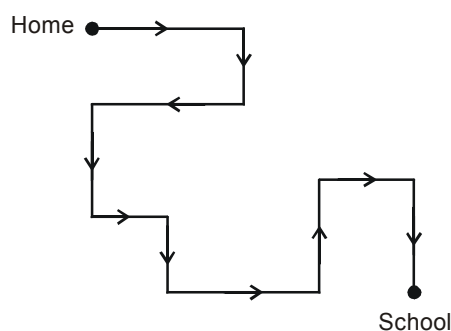
- (1) F (2) R (3) S (4) H

135. Which of the following diagrams indicates the best relation between Hockey, Football and Cricket ?



(INTEGER)

136. If $DEF = 15$, then $ABC = ?$
137. Laxman went 15 kms to the west from his house, then turned left and walked 20 kms. He then turned East and walked 25 kms and finally turning left covered 20 kms. How far (in km) was he from his house :
138. Aruna ranks twelfth in a class of forty-six. What will be her rank from the last?
139. Find the missing terms ?
2, 5, 9, (.....), 20, 27
140. Vijay travelled 12 km southward, then turned right and travelled 10 km then turned right and travelled 12 km. How far was Vijay from the starting point? (In km)
141. In a certain code language 'A' is coded as '5'; 'B' is coded as '6'; 'CE' is coded as '79' and so on, then find the code of 'DDC'
142. Manoj and Sachin are ranked seventh and eleventh respectively from the top in a class of 31 students. What will be sum of their respective ranks from the bottom in the class?
143. Amit walked 25 metres towards South. Then he turned to his left and walked 20 metres. He then turned to his left and walked 25 metres. He turned to his right and walked 15 metres. At what distance is he from the starting point ?(In meters)
144. Find the missing terms?
5, 9, 17, 29, 45, (.....)
145. If $E = 5$ and READ is coded as 7, then what is the code of 'DEAR' ?
146. Ravi is 7 ranks ahead of Sumit in a class of 39. If Sumit's rank is seventeenth from the last, what is Ravi's rank from the start?
147. Find the missing terms ?
3, 7, 15, 31, 63, (.....)
148. Garima goes to school from home along the indicated path. How many times she will turn right?



149. In a class of 60, where girls are twice that of boys, Kamal ranked seventeenth from the top. If there are 9 girls ahead of Kamal, how many boys are after him in rank?

150. Find the missing terms ?
1, 6, 15, (___), 45, 66, 91

151. In a certain language the letters are coded as follows.

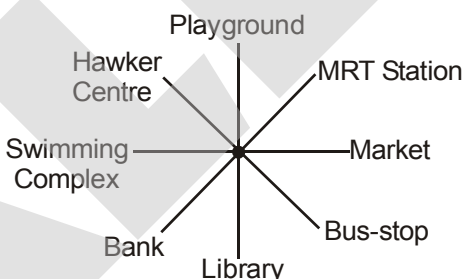
I	B	C	P	N	E	O	L	R	M
0	9	3	7	1	6	4	8	5	2

Find the code for the word PEN.

152. Find the missing terms ?
1, 2, 3, 5, 8, (.....)

153. In a row of ten boys, when Rohit was shifted by two places towards the left, he became seventh from the left end. What was his earlier position from the right end of the row ?

154. If I am facing the swimming complex and I turn in clockwise direction to face MRT station, then with what angle should I turn?



155. Find the missing terms ?
05, 15, 45, 135, (.....)

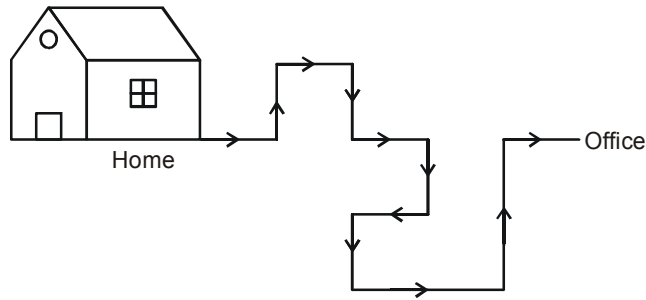
156. In a queue, Vijay is fourteenth from the front and Jack is seventeenth from the end, while Mary is in between Vijay and Jack. If Vijay be ahead of Jack and there be 48 persons in the queue, how many persons are there between Vijay and Mary?

157. In a certain code, the following numbers are coded by assigning signs

1	2	3	4	5	6	7	8	9
<	+	=	@	!	\$	>	#	&

Which number can be decoded from the given symbols?
> ! &

158. Rishab goes to office from home along the indicated path. How many times he will turn right?



159. In a row of girls, Rita and Monika occupy the ninth place from the right end and tenth place from the left end, respectively. If they interchange their places, Rita and Monika occupy seventeenth place from the right and eighteenth place from the left, respectively. How many girls are there in the row?

160. If FIVE is coded as 7315 and FAT is coded as 728, how is TEA coded ?

* * * * *

ANSWER KEY										
Que.	1	2	3	4	5	6	7	8	9	10
Ans.	4	1	4	3	3	4	4	3	3	3
Que.	11	12	13	14	15	16	17	18	19	20
Ans.	5	1	3	4	46	720	4	2	0	3
Que.	21	22	23	24	25	26	27	28	29	30
Ans.	3	2	4	2	3	1	1	2	3	2
Que.	31	32	33	34	35	36	37	38	39	40
Ans.	5	5	3	100	7	1	6	303	6	4
Que.	41	42	43	44	45	46	47	48	49	50
Ans.	2	1	1	4	1	2	3	2	4	3
Que.	51	52	53	54	55	56	57	58	59	60
Ans.	5	3	5	5	4	3	4	4	3	3
Que.	61	62	63	64	65	66	67	68	69	70
Ans.	3	1	4	2	4	2	2	1	2	1
Que.	71	72	73	74	75	76	77	78	79	80
Ans.	1	2	1	4	4	2	4	4	4	2
Que.	81	82	83	84	85	86	87	88	89	90
Ans.	3	4	4	4	4	25	5	24	3	396
Que.	91	92	93	94	95	96	97	98	99	100
Ans.	7	6	4	17	1	3	500	5	4	7
Que.	101	102	103	104	105	106	107	108	109	110
Ans.	84	16	217	2	109	16	99	1	20	1
Que.	111	112	113	114	115	116	117	118	119	120
Ans.	4	4	1	1	3	2	3	4	3	3
Que.	121	122	123	124	125	126	127	128	129	130
Ans.	2	1	4	3	2	4	3	3	4	4
Que.	131	132	133	134	135	136	137	138	139	140
Ans.	2	2	4	4	2	6	10	35	14	10
Que.	141	142	143	144	145	146	147	148	149	150
Ans.	887	46	35	65	7	16	127	5	12	28
Que.	151	152	153	154	155	156	157	158	159	160
Ans.	761	13	2	135°	405	8	759	5	26	852