



Duration : 60 Min.

Total Ques. : 50

Paper Type : S 1

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GLOBAL COMPETITION SOCIETY

**7
CLASS**

SAMPLE Q.P : GLOBAL SCIENCE OLYMPIAD (GSO)

1. The Actual Question Paper Contains 50 Questions.
2. Each question carry an equal marks of 2 against 50 question
3. The Duration of the Test Paper is 60 Minutes

1. Read the given statement and select the correct option.

Statement 1 : The digested food is absorbed mainly in the small intestine.

Statement 2 : The inner wall of small intestine contains numerous finger-like projection called villi.

- (A) Both statement 1 and 2 are true and statement 2 is correct explanation of statement 1.
 - (B) Both statement 1 and 2 are true but statement 2 in the not correct explanation of statement 1.
 - (C) Statement 1 is true but statement 2 is false.
 - (D) Both statement 1 and 2 are false.
 - (E) None of these
- 2. Most crops require a lot of nitrogen to synthesise the proteins. The bacterium Rhizobium helps some of the crops to get nitrogen. Which of the following statement is incorrect for Rhizobium?**
- (A) It converts atmospheric nitrogen into a soluble from that the plants can absorb from soil.
 - (B) It can makes its own food.
 - (C) It lives in the root nodules of leguminous plants like gram, pea, moong etc.
 - (D) Leguminous plants provide food and shelter to Rhizobium.
 - (E) None of these
- 3. Which of the following statements is incorrect ?**
- (A) Fibroin is the gummy substance that holds the two strands of sericin of a silk fibre together.
 - (B) Asbestos os the only naturally occurring long mineral fibre.

- (C) Merino is an exotic breed of sheep.
- (D) Hair present on body of wool-yielding animals trap a lot of air.
- (E) None of these

4. Which of the following options does not represent a property of wool ?

- (A) Wool is an elastic fibre.
- (B) Wool can absorb moisture.
- (C) Wool is a poor conductor of heat.
- (D) While burning wool gives the small of burning paper.
- (E) None of these

5. Polio is a disease of the nervous system and is caused by:

- (A) Malnutrition
- (B) Virus
- (C) Germ
- (D) Non-nutrition
- (E) None of these

6. Anshi take X fabric and burn it. She observes following properties of the fabric :

- (i) It burns but does not melts.
- (ii) It shrinks from flame.
- (iii) It gives the odour of charred meat while burning.
- (iv) It left residue after burning which is black, hollow, irregular bead that can be easily crushed to a gritty black powder.
- (v) It is self extinguishing.

According to her observation, X could be

- (A) Silk
- (B) Jute
- (C) Cotton
- (D) Nylon.
- (E) None of these

7. Which of the following statement(s) is/are incorrect?

- (i) Two thin woollen sweaters are warmer than a thick woollen sweater.
 - (ii) It saves fuel if we cook food on a vessel which is blackend at the bottom and polished from the sides.
 - (iii) The cable wires between two poles are left loose because in summers, the wires do not break on expanding
- (A) Only (i) and (ii)
 - (B) Only (ii) and (iii)
 - (C) Only (iii)
 - (D) Only (i)
 - (E) None of these

8. When you put a metal key into its metal lock, you find the key is too tight. Which of the following methods will you adopt to make the key fit properly?

- (A) Heating the key and lock both
- (B) Cooling the key and heating the lock
- (C) Heating the key and cooling the lock
- (D) Cooling the key and lock both
- (E) None of these

9. Read the given statement and select the correct option.

Statement 1 : Baking soda does not taste sour.
Statement 2 : Bases are sour in taste while acids are bitter in taste.

- (A) Both statement 1 and 2 are true and statement 2 is correct explanation of statement 1.
- (B) Both statement 1 and 2 are true but statement 2 in the not correct explanation of statement 1.
- (C) Statement 1 is true but statement 2 is false.
- (D) Both statement 1 and 2 are false.
- (E) None of these

10. The harmful substance present in tobacco is.

- (A) Smoke
- (B) Morphine
- (C) Enzyme
- (D) Nicotine
- (E) None of these

11. Which of the following adaptations of polar bear are not meant for hunting prey and getting protection from predators ?

- (i) White colour of the fur
 - (ii) Huge teeth
 - (iii) Long hair between the pads on its feet
 - (iv) Two thick layers of the fur
 - (v) Sharp claws on each foot
- (A) (i) and (v) only
 - (B) (iii) and (iv) only
 - (C) (ii) and (iii) only
 - (D) (i) and (iv) only
 - (E) None of these

12. Which of these is a behavioural adaptation ?

- (A) A hongose snake pretends as dead to trick the predator.
- (B) A forg's light -coloured belly makes it harder for a predatory fish to see it against sunlight on the water surface.
- (C) The scarlet king snake looks very much like the poisonous coral snake.
- (D) A treehopper on a leaf or twig resembles a thorn.
- (E) None of these

13. Which of the following statements is incorrect ?

- (A) Air moves from the region of low pressure to high pressure.
- (B) Air moves from the region of high pressure to low pressure.
- (C) Air movement does not depend upon the pressure.
- (D) Air moves from the region of low pressure to low pressure.
- (E) None of these

14 . How does cyclone decreases the fertility of the soil in the coastal areas ?

- (A) By flooding the land with saline water
- (B) By dissolving soil and rocks
- (C) By increasing the water table of the place
- (D) By decreasing the water table of the place
- (E) None of these