



Duration : 60 Min.

Total Ques. : 50

Paper Type : S 1

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GLOBAL COMPETITION SOCIETY

**6
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. Which of the following options contains foods obtained from roots of the plant ?

- (A) Spinach, Cabbage, Coriander
- (B) Potato, Mango, Broccoli
- (C) Sugarcane, Onion, Beetroot
- (D) Radish, Turnip, Carrot
- (E) None of these

2. Read the given statement and select the correct options.

Statement 1 : After harvesting, the stems of the jute plants are tied into bundles and retted (socked) in water for about 20 days.

Statement 2 : The process of retting softens the tissues and helps to separate the fibres.

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

3. Which of the following is the correct difference between weaving and knitting ?

- (A) Weaving is done with machine while knitting is done with hand only.
- (B) Weaving uses two sets of yarn while knitting involves only one yarn.
- (C) Weaving is done for silk only while knitting is

done for wool only.

- (D) All of these
- (E) None of these

4. Which of the following does not represent a characteristic of pure substance?

- (A) It has a uniform texture throughout (homogeneous).
- (B) It has a fixed boiling point or melting point.
- (C) It is made up of different types of particles.
- (D) It can be an element or a compound.
- (E) None of these

5. What are the characteristics of metals ?

- (A) Good conductors of electricity and heat; solid at room temperature; transparent, shine brightly when polished .
- (B) Good conductors of electricity and heat; solid at room temperature; opaque except in extremely thin films; do not shine at all when polished.
- (C) Bad conductors of electricity and heat; solid at room temperature; opaque except in extremely thin films.
- (D) Good conductors of electricity and heat; solid at room temperature; opaque expect in extremely thin films; shine brightly when polished
- (E) None of these

6. Anshi covered a beaker of boiled water with a metal tray as shown in the diagram.

- (A) Water droplets are seen on the outer part of metal tray.
- (B) Water droplet are seen on the inner part of tray and inner part of the beaker.
- (C) Water droplets are seen on the inner part of metal tray and outer part of the beaker only.
- (D) Water droplets are seen on the outer part of beaker only.
- (E) None of these

7. Find the incorrect statement.

- (A) Meting of wax is a physical change while burning of wax in a candle is a chemical change.
- (B) Metals expand on heating while contract on cooling. Both are physical changes.
- (C) Composition of matter changes during a chemical change while it remains same during a physical change.
- (D) High and low tides in sea are the examples of non-periodic change while growth of a tree is a periodic change.
- (E) None of these

8. Rohan tore a sheet of paper into pieces and then burnt them. Identify the irreversible change taking place in the process.

- (A) Tearing the sheet in the process.
- (B) Burning the pieces .
- (C) Both tearing and burning the pieces
- (D) All of these
- (E) None of these

9. Which of the following statements is correct ?

- (A) The soft substance present inside the bones is called bone marrow.
- (B) Pivot joint allows the maximum movement in all planes whereas hinge joint allows the least movement in one plane only.
- (C) The only movable bone in skull is the upper jaw bone.
- (D) Snakes have hollow bones and birds have flexible backbones.
- (E) None of these

10. One of the differences between plants and animals is that only plants contain?

- (A) Cellulose
- (B) Hydrogen
- (C) Nitrogen
- (D) Carbon
- (E) None of these

11. In a circular motion, the

- (A) Direction of motion is fixed
- (B) Direction of motion changes continuously
- (C) Acceleration is zero
- (D) Velocity is constant.
- (E) None of these

12. A rider on horse falls back when horse starts running all of a sudden because

- (A) Rider is taken back
- (B) Rider s suddenly afraid of falling
- (C) Inertia of rest keeps the upper part of body at rest while lower part of the body moves forward with the horse
- (D) Inertia of motion keeps the upper part of body at rest while lower part of the body moves backward with the horse.
- (E) None of these

13. Which of the following statements is correct ?

- (A) Motions of soldiers on march past is a periodic motion.
- (B) Motion of a train along a curved track on hills is the example of curvilinear motion
- (C) Every periodic motion is also a oscillatory motion.
- (D) Hockey player running after a ball is a combined motion.
- (E) None of these

14. While measuring the length of a wooden box, the reading at one end is 1.5 cm and the other end is 4.7 cm . What is the length of the wooden box ?

- (A) 4.7 cm
- (B) 1.5 cm
- (C) 3.2 cm
- (D) 6.2 cm
- (E) None of these