



Presented by:
SILVERZONE
 FOUNDATION
 NEW DELHI - INDIA

Organized by:
SOCIETY OF SCIENCE
 EDUCATION
 New Delhi, India
FOR SUPREMACY IN SCIENCE
 www.silverzone.org

CLASS 8th SYLLABUS & SAMPLE QUESTIONS

Crop Production; Microorganisms; Materials; Coal and Petroleum; Conservation of Plants and Animals; Cell Structure and Functions; Reproduction; Force and Friction; Sound; Chemical Effects of Current; Light; Solar System; Some Natural Phenomenon; Pollution of Air and Water; Mental Aptitude and Reasoning.

The Actual Question Paper Contains 50 Questions. The Duration of the Test Paper is 60 Minutes.

- Which one of the following is the correct order of structural organisation of an organism?
 - Cells → Organs → Tissues → Organ systems → Organisms
 - Cells → Tissues → Organs → Organ systems → Organisms
 - Organs → Tissues → Organ systems → Organisms → Cells
 - Cells → Organs → Organ systems → Tissues → Organisms
 - None of these
- Name the cell which has been shown in the following figure.
 
 - Muscle cell
 - Nerve cell
 - Bone cell
 - White blood cell
 - None of these
- Which one of the following is not a member of our solar system?
 - Pluto
 - Moon
 - Halley comet
 - Orion constellation
 - None of these
- In which one of the following options, the various stages in the development of a silk moth, has been correctly arranged?
 - Egg → Pupa → Caterpillar → Silk moth
 - Egg → Caterpillar → Pupa → Silk moth
 - Egg → Silk moth → Pupa → Caterpillar
 - Egg → Silk moth → Caterpillar → Pupa
 - None of these
- The disease 'chickenpox' is caused by which one of the following microorganisms?
 - Bacteria
 - Virus
 - Protozoa
 - Fungi
 - None of these
- Match the following:

1. Solid metal	A. Sodium
2. Solid non metal	B. Bromine
3. Gaseous non metal	C. Chlorine
4. Liquid non metal	D. Sulfur

 - 1-A, 2-D, 3-C, 4-B
 - 1-A, 2-C, 3-D, 4-B
 - 1-A, 2-B, 3-C, 4-D
 - 1-B, 2-D, 3-C, 4-A
 - None of these

7. Here is a list of substances. Group them as metals and non metals. Cadmium, hydrogen, sulphur, lead, magnesium, radium, carbon.

- (A) **Metals:** Cadmium, sulphur, radium. **Non metals:** Hydrogen, lead, magnesium, carbon
- (B) **Metals:** Cadmium, sulphur, radium, carbon. **Non metals:** Hydrogen, lead, magnesium.
- (C) **Metals:** Cadmium, magnesium, lead, radium. **Non metals:** Hydrogen, carbon, sulphur
- (D) **Metals:** Cadmium, sulphur, radium, lead **Non metals:** Hydrogen, magnesium, carbon
- (E) None of these

8. Given below is a list of substances and its density:

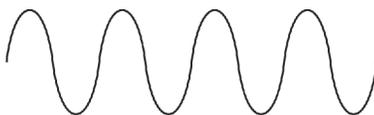
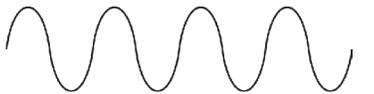
Substance	Density
Water	1.0 g/mL
Oil	0.80 g/mL
AB	0.88 g/mL
Mercury	8.6 g/mL

A student fills all the above substances into a graduated cylinder. Where the AB will appear after filling all substances in the graduated cylinder?

- (A) AB will appear between Oil and Water in the graduated cylinder

- (B) AB will appear between mercury and Water in the graduated cylinder
- (C) AB will appear just below the water in the graduated cylinder
- (D) AB will appear just above the mercury in the graduated cylinder
- (E) None of these

9. In which one of the following cases loudness of the sound will be maximum?

- (A) 
- (B) 
- (C) 
- (D) 
- (E) None of these

10. Which one of the following microorganisms is an example of algae?

- (A) Lactobacillus
- (B) Rhizobium
- (C) Chlamydomonas
- (D) Entamoeba
- (E) None of these

ANSWERS

1. (B) 2. (B) 3. (D) 4. (B) 5. (B) 6. (A) 7. (C) 8. (A) 9. (A) 10. (C)