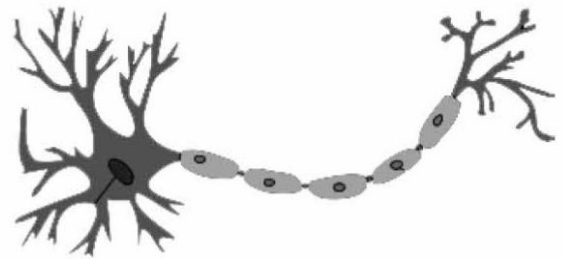


1. Which one of the following is the correct order of structural organisation of an organism?

- (a) Cells → Organs → Tissues → Organ systems → Organisms
- (b) Cells → Tissues → Organs → Organ systems → Organisms
- (c) Organs → Tissues → Organ systems → Organisms → Cells
- (d) Cells → Organs → Organ systems → Tissues → Organisms
- (e) None of these

2. Name the cell which has been shown in the following figure.

- (a) Muscle cell
- (b) Nerve cell
- (c) Bone cell
- (d) White blood cell



3. Which one of the following is not a member of our solar system?

- (A) Pluto
- (B) Moon
- (C) Halley comet
- (D) Orion constellation

4. In which one of the following option, the various stages in the development of a silk moth, has been correctly arranged?

- (a) Egg → Pupa → Caterpillar → Silk moth
- (b) Egg → Caterpillar → Pupa → Silk moth
- (c) Egg → Silk moth → Pupa → Caterpillar
- (d) Egg → Silk moth → Caterpillar → Pupa

5. The disease 'chickenpox' is caused by which one of the following microorganisms?

- (a) Bacteria (b) Virus  
(c) Protozoa (d) Fungi

6. 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

- A. 1-A, 2-D, 3-C, 4-B B. 1-A,2-C,3-D,4-B  
C. 1-A, 2-B, 3-C, 4-D D. 1-B, 2-D, 3-C, 4-A

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

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

Substance	Density
Water	1.0 g/mL
Oil	0.80 g/mL
AB	.88 g/mL

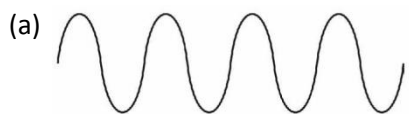
Mercury

8.6 g/mL

A student fills all the above substances into a graduated cylinder. Define 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 between mercury and Oil in the graduated cylinder
- (D) AB will appear above the mercury in the graduated cylinder

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



(e) None of these

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

- (A) Lactobacillus
- (B) Rhizobium
- (C) Chlamydomonas
- (D) Entamoeba



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