

Annual Examination 2016

Subject : Science (E.M.)

Class : VIII

Time : 3 hrs

MM : 100

Q.1 Choose the correct option below-

(0)

(1) An example of unicellular organism is--

- (a) A human being
- (b) An elephant
- (c) An amoeba
- (d) A banyan tree.

(2) Special characteristic a plant cell is-

- (a) Cell wall
- (b) Chloroplast
- (c) Large vacuoles
- (d) All of them.

(3) Organelle that controls the cell function is-

- (a) Mitochondria
- (b) Nucleus
- (c) Cell membrane
- (d) Chloroplast.

(4) The longest cell is-

- (a) Ostrich
- (b) Micro plasma
- (c) Nerve cell
- (d) Blood cell.

(5) Which metal among the following is not solid?

- (a) Gold
- (b) Mercury
- (c) Silver
- (d) Platinum

Q.2 Fill in the blanks-

(0)

- (1) Purity of gold is expressed in terms of
- (2) Steel alloy consists of and metal.
- (3) Oxides of metals are in nature.
- (4) Melting point of most of the metals is
- (5) Sodium metal is kept in

Q.3 Match the following columns A and B

(0)

A	B
(1) Gold	Low melting point
(2) Zinc	Soft metal.
(3) Sodium	Canalization
(4) Diamond	Very reactive
(5) Gallium	Hard substance.

Q.4 Very short types question. (Any Five)

(0)

- (1) What are meteorites?
- (2) What is ozone layer?
- (3) What is green house effect?
- (4) Where does most of the mass of an atom lie?
- (5) Define the term neutralization?
- (6) What is centrosome?

(7) Write any two functions of nucleus?

Q.5 Short answer types question.(any five)

(0)

(1) Define the alloys?

(2) What is rusting?

(3) Write two uses of diamond and graphite?

(4) Write four properties of CO₂ gas.

(5) Which microorganism fixes nitrogen?

(6) What do you understand by an electric current?

(7) Write any four properties of a magnet?

Q.6 Long answer type question-(Any Six)

(0)

(1) What are the non renewable sources of energy? Give examples?

(2) Explain the energy flow in an ecosystem with the help of diagram.

(3) Describe the role of an individual and community in the protection of environment?

(4) Describe the atomic theory of **Dalton**.

(5) What are the differences between metals and non metals? explain in detail.

(6) Write the uses of metals in our day to day life.

(7) Write the important uses of methane?

(8) What is a telescope? Write its various types?

Q.7 What will happens -

(0)

(i) Microscope

(ii) AIDS

(iii) Fungi

(iv) Graphite

Q.8 Difference between –

(0)

(1) Stars & Planets

(2) Atom & Molecule.

Q.9 Draw a diagram –

0

Animal cell

Plant cell

Microscope

Fungi

