

Holiday Homework
Class - 8th (B+C)
Subject - Science

(i) Worksheet to be done in notebook

I. MCQ

1. The process of transfer of charges from a charged object to the earth is called

- (a) earthing (b) lightning
(c) oscillation motion (d) electron movement

2. The number of modes by which animals reproduce are

- (a) two (b) three
(c) four (d) none of these

3. In humans, the development of fertilised egg takes place in the

- (a) ovary (b) oviduct
(c) testis (d) uterus

4. When a sperm having X-chromosome fuses with the ovum, the child born will be

- (a) male (b) female
(c) male as well as female twin (d) it depends on the chance of fusion

Sodhya
23/12/2024

5. The power of an earthquake is expressed on a scale called
- (a) seismic scale (b) iron scale
(c) richter scale (d) large scale

II . Fill in the blanks

1. Earthquake is the sudden shaking of the Earth.
2. The animals which lay eggs are called oviparous.
3. Gametes are the cells involved in sexual reproduction.
4. Testosterone is the male hormone.
5. Nitrogen fixation occurs during lightening.

III. True or False-

1. Adolescence period cover 30-35 years of age. False
2. An embryo is made up of multicells. True
3. External fertilisation occurs in frog. True
4. The tremors produce waves on the surface of the earth. True
5. Lightning rod is a device used to secure tall buildings from the effect of lightning. True

IV . Match the following-.

Column 1	Column 2
1. Waves recorder	a. Boy (4)
2. Pituitary gland	b. Binary fission (5)
3. Fusion of male and female gametes	c. Seismograph (1)
4. XY chromosomes	d. Fertilisation (3)
5. Amoeba	e. Master glandn(2)

V . One Word/ Short answer type questions-

(Write answer of the following questions from notebook)

1. Explain the importance of reproduction in animals.
2. In which female reproductive organ does the embryo get embedded?

3. List three states in India where earthquakes are more likely to strike.
4. Suggest three measures to protect ourselves from lightening.

VI. Long answer type questions-

(Write answer of the following questions from notebook)

1. What is metamorphosis? Give one example with labelled diagram.
2. Explain why a charged body loses its charge if we touch it with our hand.

VII. Draw Labelled diagram-

1. Map of Earthquake
2. Fusion of male and female gamete and formation of zygote

VII. ACTIVITY

1. Make a simple electroscope as given in activity 15.4 in chapter 15.
2. Make a toy telephone as instructed in fig. 13.4 in chapter 13.

Sachin
23/12/2024