

GENIUS HIGH SCHOOL :: BHUVANAGIRI
SUMMATIVE ASSESSMENT - II

Class : VIII
Subject : GENERAL SCIENCE

Time: 2Hrs
Max marks: 50

PHYSICAL SCIENCE

I. Fill in the blanks:

6 x 1 = 6m

1. Atmospheric pressure is measured in the unit of _____.
2. A Non metal is used to make an antiseptic solution called tincture _____
3. Shooting stars are actually not a _____
4. Metal react with acids to produce _____ gas.
5. Sound cannot travel _____
6. A Non-metal used in making glass _____.

II. State True or False

2 x 1 = 2m

1. Generally non-metals reacts with acids []
2. Like charges repel each other []

III. Choose the correct answer

5 x 1 = 5m

1. The major component of LPG
a) Hydrogen b) Carbon dioxide c) Methane d) Butane
2. Which of the following doesn't conduct electricity?
a) Vinegar solution b) Sugar solution c) Lemon juice solution d) Caustic soda solution
3. A lightning conductor is a device which transfers
a) Electrical energy b) Light energy c) Solar energy d) Photo electric energy
4. Size of the pupil of eye is adjusted by
a) Cornea b) Ciliary muscles c) Optic nerve d) iris
5. The element which is stored under kerosene is
a) Sulphur b) phosphorus c) sodium d) Silicon

IV. Very short answer questions

5 x 1 = 5m

1. Write any 2 advantages of using CNG & LPG as fuel
2. Name some artificial fibers.
3. Why cannot you have wooden bells?
4. Name the largest planet in Solar system.
5. What is vibrating part in flute & Guitar respectively called?

V. Short answer type questions

3 x 2 = 6m

1. Explain why plastic containers are favoured for storing food.
2. What is meant by lubrication? Why is it important?
3. Give two real life examples each of situations in which you push/pull to change the state of motion of objects

VI. Long answer type questions

2 x 3 = 6m

1. Write Laws of reflection, If angle of incidence is 45° , What is angle of reflection?
2. Does pure water conduct electricity? If not what can we do to make it conducting and write one example for conductor.

BIOLOGY

I. ANSWER THE FOLLOWING QUESTIONS

6 X 1 = 6m

1. A. Define nucleus ?
B. Are chromosomes constant in all living organisms?
2. The reduction of rainfall could cause _____
3. The animals that produce new young ones are called _____
4. _____ are the activities used for cultivation of crops?
5. Write any two diseases cured by vaccination?

6. What is the stoppage of menstruation called ?

II. ANSWER THE FOLLOWING QUESTIONS

3 X 3 = 9m

7. Explain the process of fertilization in brief and write how many types of fertilization ?

(or)

Define hormones ? write any four types of endocrine glands location, secretion and their functions?

8. Draw a labeled diagram of animal cell ? what are the main functional parts of the cell ?

9. Discuss five methods of food preservation?

(or)

Define the process of irrigation and also discuss the modern methods of irrigation ?

III. ANSWER THE FOLLOWING QUESTIONS

5 X 1 = 5m

10. What changes occur in human at puberty?

(or)

What do you mean by reproduction, Describe the male reproductive system with the help of diagram ?