

St. Ursula Girls' High School & Junior College, Nagpur
FINAL EXAMINATION 2020

Class : VI (ABCDE)

Time : 2 Hrs.

Subject : Science

Marks : 40

Q.1 (A) Fill in the blanks. (5)

- a. _____ is a stormy planet
- b. **State whether true or false.**
Jupiter is the biggest planet
- c. **Match the pair**
- | | |
|-------------------|---------------------|
| A | B |
| i. Rolling object | a. Heat Energy |
| ii. Sunlight | b. Potential Energy |
| | c. Kinetic Energy |
- d. **Name the magnet**
You are lost in a forest, which magnet will you use.
- e. **Write the odd one out.**
Diesel, Grude oil, natural gas, Wind

Q. I. B Choose and write the correct option (5)

1. If a bar magnet is hung by a thread, tied at its centre. its north pole becomes steady in the direction of _____ pole of the Earth.
(South, North, East, West)
2. When light passes through a prism it gets separated into _____ colours.
(6, 8, 7, 3)
3. Transmission of sound is fastest in _____ medium.
(solid, liquid, gaseous, vacuum)
4. While chasing a butterfly in a garden, the type of motion. will be _____
(linear, oscillatory, random, uniform)
5. A _____ is a natural source of light.
(Star, light bulb, torch, candle)

Q. 2 Answer the following questions (Any 5) (10)

1. Write the types of galaxies
2. What is a shadow?
3. What is meant by vibration.
4. Which machine will you use to hold a papad for roasting it.
5. Draw of well labelled diagram to show in age formatin of a lighted candle by a pin-hoole camera.
6. What is the difference between oscillatory motion and linear motion.
7. Define speed write the formula for calculating speed.

Q. 3. Answer the following questions (Any 5) (15)

1. Explain Electrostatic force
2. Why should we save energy? which for us of energy from the sun are used in solar energy devices.

3. What is lever? How are the orders of the lever determined.
4. What is meant by complex machine ? Give any one example.
5. What measures will you take to control noise pollution?
6. Write whether the following objects are luminous or non luminous.
 - a) A book
 - b) A torch
 - c) A burning candle.
7. How is an electromagnet made?

Q. 4 Answer the following question (Any one)

(5)

1. Write the properties of magnet
2. What is the special characteristic of planet Mars? Name the types of Comets? On what - basis are they classified?

