

SCHOOL BASED ASSESSMENT 2024-25

Mid-Term

Science Grade 4

[Paper A: 20 Marks, Paper B: 30 Marks, Total: 50 Marks] , Time = 1 Hour 30 Minutes

School Name: _____

Student Name : _____

Roll Number : _____

Section : _____

OBJECTIVE PART(MCQs)

Question No.1 : Which energy is used to run fans at homes?

- (a) Light energy (b) Electrical energy
(c) Potential energy (d) Kinetic energy

Question No.3 : A child who changes position by moving up and down while sitting on a see-saw, is called:

- (a) force (b) motion (c) power (d) energy





Question No.5 : Kerosene is produced from which of the following natural resource?

- (a) Oil (b) Gas (c) Air (d) Water

Question No.7 : Which of the following is a non-renewable resource of energy?

- (a) Windmill (b) Petrol (c) Solar energy (d) Plants

Question No.9 : Which of the following animals is extinct?

- (a)  (b)  (c)  (d) 

Question No.2 : Which type of energy transformation occurs in a speaker?

- (a) Solar energy to light energy (b) Solar energy to chemical energy
(c) Electrical energy to sound energy (d) Electrical energy to heat energy

Question No.4 : Which of the following machines is used in elevator to move up and down?

- (a) Lever (b) Pulley (c) Gear (d) Inclined plane

Question No.6 : In the globe of the Earth, green and light brown colour indicates:

- (a) water (b) mountains (c) desert (d) land

Question No.8 : What percentage of the earth's surface is cultivable?

- (a) 21% (b) 11% (c) 71% (d) 29%

Question No.10 : Consequences of excessive use of natural resources include:

- (a) forestation (b) recycling
(c) climatic change (d) cultivation

SUBJECTIVE PART(CRQs)

Question No: 11

- a) The given objects convert electrical energy into which form of energy? 1.Heater 2. Bulb (2 Marks)
b) Why do we use thermometer? Write the two units of temperature. (2+2=4 Marks)
c) Write down four names of the components of an electric circuit. (4 Marks)

Question No: 12

- a) Why does a moving ball stop after traveling some distance? (3 Marks)
b) Why does an apple fall from the tree to the ground? (3 Marks)
c) Explain the difference between force and motion with the help of examples. (2+2=4 Marks)

Question No: 13

- a) Where does water in rivers and oceans come from? (3 Marks)
b) Describe the effects of human activities on natural resources. (3 Marks)
c) Differentiate between renewable and non-renewable resources with examples. (2+2=4 Marks)