

CLASS : 5th

NEPS

UNIT-IIIrd

2021

SUBJECT : SCIENCE

M. MARKS :- '20'

(A) Answer The Following Questions:- (Do any four)

Q1 What is energy? Name the different types of energy.

Q2 State Archimedes' principle?

Q3 Describe the surface of the moon?

Q4 Name the six types of simple machines.

Q5 What are the rules for floating and sinking, according to Archimedes' principle?

Q6 Explain how a lunar eclipse occurs.

Q7 What are the different types of levers? Give two examples for each type. (4x2=8)

(B) Fill In The Blanks:-

1.) The axe and the knife are examples of _____

2.) The fixed point in a lever is called the _____.

3.) Equal _____ of different materials have different weights.

4.) The density of water is _____ kg per litre.

5.) Water that falls from a height has _____ energy. (5x1=5)

(C) Write True or False:-

1.) There is no rainfall on the moon.

2.) The moon is the largest object in the solar system.

3.) The moon is the closest heavenly body to us in the sky.

4.) When a solar eclipse occurs, it can be seen from all places on the Earth.

$$(4 \times \frac{1}{2} = 2)$$

(D) Tick The Correct Answer:-

1.) Which of these is not found on the moon?

a) mountain b) sunlight c) lake d) crater

2.) The first manned spacecraft to reach the moon was

a) Apollo 9 b) Apollo 11 c) Apollo 17 d) Sputnik 1

3.) What is the force that makes wood immersed in water come up?

a) muscular force b) frictional force c) buoyant force
d) gravitational force.

4.) Which of these is not a simple machine?

a) see-saw b) scissors c) bicycle d) screwdriver

$$(4 \times 1 = 4)$$

(E) Draw a well labelled diagram of any one of the following.

(a) Phases of the moon.

(or)

(b) Two simple machines.

$$(1 \times 1 = 1)$$