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Grade: V	Subject : Science	Date :/_/20
Name :	Empower-II Practice Worksheet	Empower-2 Chapter 1, 2, 3, 4, 5 (Term-3).

Syllabus:		Empower-2	Notebook Submission-
(Term – III Book)	Ch-4 Moon and	Written Test- 50 marks	10 marks
Ch-1 Force, work and	Artificial Satellites		Subject Enrichment
Energy	Ch-5 Our	Date of Exam-11/3/20	Activity Dictation-10
Ch-2 Simple Machines	Environment and		marks
Ch-3 Light and shadow	Natural resources		Science Lab- 10 marks
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Q-1 Choose the correct answer:-

1. The force produced by rubbing thing	s with each other is called			
a) magnetic force	b) electrostatic force	c) frictional force		
2. A force can change the				
a) direction of a moving object	b) shape of an object	c) both of these		
3. The fixed point on which a lever turn	ns is called			
a) load	b) fulcrum	c) effort		
4. A stapler is an example of	class of lever.			
a) first	b) second	c) third		
5. We can see the things with the help of	of			
a) light	b) air	c) water		
6. Objects that give us light are				
a) luminous	b) non- luminous	c) none of these		
7. The smallest sunlit portion of the mo	oon's surface is called			
a) new moon	b) cresent moon	c) gibbous moon		
8. The harmful toxic substances that cause pollution are known as				
a) polluters	b) pollutants	c) none of these		

Q – 2 Fill in the blanks:-

- 1. Earth's _____ keeps us and other objects on the ground.
- 2. A force is a push or a _____ on any object.
- 3. Forceps is a _____ class lever.
- 4. A pair of scissors is an example of _____ class lever.
- 5. _____ is a natural source of light.
- 6. The natural satellite of the Earth is the _____
- 7. _____ helps us in communication, weather forecasting, navigation, etc.
- 8. Sewage is _____ pollutant.

Q-3 Unscramble the words/Who am I?

- a) The upward force acting on an object in water. (OAYTNUB)
- b) A simple machine that has a sloping surface. (DENILCNI EPNLA)
- c) The shadows of the earth and moon. (EECPLSIS)
- d) The contamination of water bodies with various pollutants. (ERWTA OPNOULLIT)

Q-4 Match the following

Column A

- 1) Ramps
- 2) Clean water
- 3) First artificial satellite
- 4) Renewable resource

Column B

- a) Sputnik-1
- b) inclined plane
- c) sunlight
- d) transparent object

Q- 5 Rectify the incorrect statements:-

- a) The energy of an object due to its movement is called kinetic energy.
- b) In first-class lever, the fulcrum is not in between the load and the effort.
- c) LED is a natural source of light.
- d) The increasing size of the lighted part of the moon is called navigation.

Q- 6 Answer in one word:-

- a) Name the force that helps us to walk.
- b) Name a machine that turns around a fixed point.
- c) Name an artificial source of light.
- d) Name the first Indian artificial satellite.
- e) Name any one natural resource.

Q-8 Answer the following short questions: -

- 1) What is energy?
- 2) What is meant by fulcrum?
- 3) What are opaque objects? Give two examples.
- 4) What are artificial satellites?
- 5) Differentiate between renewable and non- renewable natural resources.

Q-9 Answer the following questions in detail: -

- 1) Name the different types of forces and explain any two.
- 2) What is a lever? Describe the different classes of lever.
- 3) Explain how day and night occur.
- 4) Which human activities are responsible for increasing greenhouse effect?

Q- 10 High Order Thinking Skill Questions:

- A) Destruction of forests leads to global warming. Justify.
- B) Why are shadows not formed on a cloudy day?

Q-11 Value Based Questions:

Rohan was unable to push the wheelchair of his grandmother. Priya provides him an inclined plane.

- a) Why does Priya provide an inclined plane?
- b) What value do you learn from Priya?

Q-12 Draw a labelled diagram of lever along with its different parts.