



Std: V  
Marks: 40

[3M]

**Q.1. Fill in the blanks.**

- i) \_\_\_\_\_ is an example of electrical energy in nature.
- ii) Substances that allow only a little light to pass through them are called \_\_\_\_\_ substances.
- iii) The \_\_\_\_\_ is the only heavenly body in space where man has landed.

[3M]

**Q.2. Give one word for the following.**

- i) The point on which the lever turns.
- ii) Something that does not let light pass through it that is not transparent.
- iii) Periodic rise and fall of water caused by the gravity of the moon and the sun.

[3M]

**Q.3. State whether the following statements are True or False.**

- i) The space suit allows an astronaut to work and survive in space.
- ii) A shadow is always formed behind the source of light.
- iii) Energy can neither be created nor be destroyed.

[3M]

**Q.4. Match the following**

- |                       |                 |
|-----------------------|-----------------|
| i) Craters            | a) Wood         |
| ii) Non luminous body | b) A moving car |
| iii) Kinetic energy   | c) Meteorites   |

[8M]

**Q.5. Answer the following in short (Any 8).**

- i) What is Pulley?
- ii) What is luminous body?
- iii) How are craters formed on the Moon surface?
- iv) How does light travel?
- v) Write any two kinds of artificial satellites.
- vi) Give two examples of renewable energy.
- vii) What is kinetic and potential energy?
- viii) Name two devices which use solar energy.
- ix) How does a lunar eclipse take place?

[12M]

**Q.6. Answer the given questions in brief. (Any 4).**

- i) State the law of conservation of energy.
- ii) What are the effects of absence of atmosphere on the moon?
- iii) What is an inclined plane? Give two uses of it?
- iv) What do astronauts have to learn before going into space?
- v) Give three examples of one form of energy changing into another form.

[4M]

**Q.7. Differentiate between. (Any 2).**

- i) Light energy and Sound energy.
- ii) Chemical energy and Thermal energy.
- iii) High tide and Low tide

[4M]

**Q.8. Draw and label. (Any 2)**

- i) solar eclipse.
- ii) Lunar eclipse
- iii) Part of a shadow.

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