

- Notes :-**
- 1) All questions are compulsory.
 - 2) The numbers to the right of the question indicate full marks.
 - 3) Draw neat and labelled diagrams wherever necessary.

1. A) Fill in the blanks. 3

- 1) The kite looking for its pray flies with in the sky.
- 2) The capacity that an object has for doing work is called
- 3) A is a natural source of light.

B) Match the pairs. 3

Group 'A'

Group 'B'

- | | |
|-------------------|-------------------|
| 1) Sun like star | a) Non-luminous |
| 2) Moon | b) Kinetic energy |
| 3) Rolling object | c) sirius |

C) Find the odd one out. 2

- 1) Rubber, Iron, Cobalt, Nickel
- 2) Sunlight, Wind, Waves, Petrol

2. A) Write the answer of following in your words. 4

- 1) What is meant by complex machine & Give its two examples.
- 2) What measures will you take to control noise pollution ?

B) Which machines will you use to do the following work. 2

- 1) Machine is used to draw water from well.
- 2) To remove the lid of a tin.

C) Draw a neat labelled diagram of following. (Any 1) 2

- 1) Lever of the first order.
- 2) Horseshoe magnet

3. A) Write differences. (Any 2) 4

- 1) Potential energy and Kinetic energy.
- 2) Muscular force and Mechanical force.
- 3) Linear motion and Rendom motion.

B) Write the answer of following. 4

- 1) Define. i) Simple machine ii) pulley
- 2) Classify the following into magnetic materials and non-magnetic materials.
Iron, Cobalt, Wood, Plastic, Nickel

4. A) Give two examples of each. 4

- 1) Linear motion - i) ii)
- 2) Oscillatory motion - i) ii)
- 3) Circular motion - i) ii)
- 4) Random motion - i) ii)

