SNBP INTERNATIONAL & Sr. SECONDARY SCHOOL, CHIKHALI, PUNE
Affiliation No. 1130703
PT IV 2024-25

| GRADE: II	SUBJECT: COMPUTER	DATE: 15.03.2025	TIME: 1 HR	MARKS: 20
NAME OF THE STUDENT:		ROLL NO.	NAME AND SIGN OF THE INVIGILATOR:	

QI. **Multiple choice question. (Tick (√) the correct answer)**

(6Q X 1M = 6M)

1. Maglev trains run on the principle of **Magnetic levitation** _.

   A. Magnetic attraction   (   )   B. Magnetic levitation   (√)
   C. Magnetic force   (   )   D. Repel   (   )

2. The paper clip does not attract to the nail when the nail is **Demagnetised**.

   A. Magnetised   (   )   B. Demagnetised   (√)
   C. Magnetic attraction   (   )   D. None of the above   (   )

3. Switch is a component which is used to turn on and turn off a fan.
   A. True   (√)   B. False   (   )

4. In the frog on the log activity the magnets are arranged in the form of **Magnetic spring**.

   A. Magnetic attraction   (   )   B. Magnetic tower   (   )
   C. Magnetic spring   (√)   D. None of the above   (   )

5. Scribble bot is based on the concept of vibration of motors.

   A. True   (√)   B. False   (   )

6. Name the device used to create the alarm in the water level indicator.

   A. Bell   (   )   B. Tubelight   (   )
   C. Buzzer   (√)   D. None of the above   (   )

QII. **Circle the things that will get attracted to a magnet.**

(3Q X 1M = 3M)
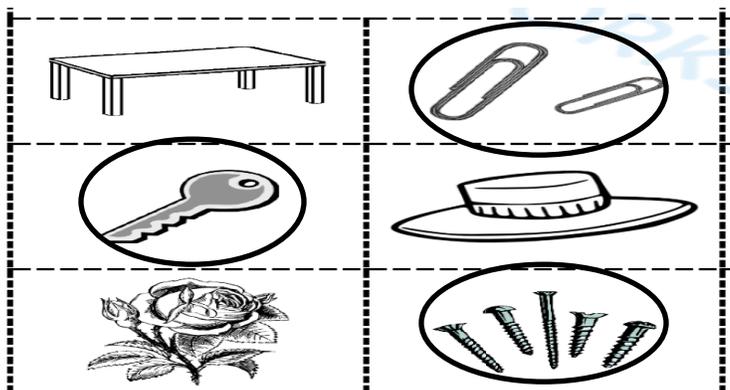
QIII. Answer the following questions.

(2Q X2M = 4M)

1. Write down the applications of magnets.

Ans: **1) Maglev trains   2) earphones   3)compass   4)printer   5) Toys**

2. Name the parts of motor.

Ans: **1) Rectangular coil   2) Strong magnets   3) Shaft**

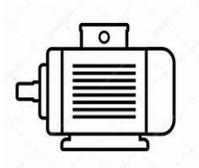**QIV. Tick (√)the objects that need electricity to work.**

(3Q X1M = 3M)

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QV. Identify the pictures and name them.

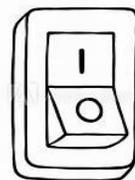(4Q X1M = 4M)

(**Ring magnet, Motor, Rocker switch, Horse shoe magnet)**

 Motor

 Horse shoe magnet

 Ring magnet

 Rocker switch