



**INDIAN SCHOOL DARSAIT
DEPARTMENT OF SCIENCE**

Subject : SCIENCE	Topic : Fun with Magnet	Date of Worksheet : -10-2019
Resource Person: Mrs Lekha Vinod		Date :
Name of the Student : _____	Class & Division : VI --	Roll Number : ____

I Classify the object given below into magnetic (Column A) and non-magnetic (Column B) substances. 2

Eraser, Marble, Needle, Silver, Iron nails, Glass, Knife, Cricket Ball

Column A	Column B

II Fill in the blanks

- 1 2 North poles _____ each other. 1
- 2 A north pole and a south pole _____ each other. 1
- 3 A magnet always have _____ poles. 1
- 4 Paper is not a _____ material. 1
- 5 We can use a magnetic _____ to tell where north and south directions are. 1

III Give one word.

- 6 Naturally occurring rock that possesses the properties of a magnet. 1
- 7 The two free ends of a magnet that have the strongest magnetic force. 1
- 8 The end of a magnet that points towards the geographical north pole. 1
- 9 The end of a magnet that points towards the geographical south pole. 1

IV Correct the following statements (Write the correct word for the underlined word) :

- 10 Iron and cobalt are artificially found magnetic materials. 1
- 11 The north poles of two magnets attract each other. 1

- 12 The magnetic power of the magnet is negligible at the poles of a magnet. 1
- V Answer the following:**
- 17 What is magnet ? What are magnetic substances ? 2
- 18 Write any 2 properties of magnet ? 2
- 19 What happens when a bar magnet is freely suspended? 1
- 20 How can magnets be useful ? 2
- 21 How will you test that tea dust is not adulterated with iron powder? 1
- 22 What will happen if a magnet is brought near a compass? 1
- 23 A bar magnet is cut into two pieces from the middle as shown in the figure. 4
Mark the poles of these two pieces. What will happen if these magnets are further broken?

