

**SECTION-A**

Note:

- 1) Attempting all MCQs is compulsory. This paper along with the OMR sheet must be returned to the superintendent after due time.
- 2) Fill the circle (A, B, C, D), which one is correct with blue or black ball point in separate OMR Sheet like ●
- 3) If more than one circle in the OMR sheet is filled then no credit will be given to such answer.

I.i. What is rust?

- (A) Sodium oxide      ● Iron oxide      (C) Copper oxide      (D) Silver oxide

ii. Chemical name of Vitamin 'C' is.

- Ascorbic acid      (B) Magnesium silicate      (C) Acetylsalicylic acid      (D) Sodium bicarbonate

iii. The normal human chromosome diploid number is.

- (A) 23      (B) 24      ● 46      (D) 48

iv. Proteins are synthesized in.

- (A) Lysosome      (B) Mitochondria      (C) Plasmid      ● Ribosomes

v. Chromosomes can be counted best at the stage of.

- (A) Metaphase      (B) Anaphase      (C) Telophase      ● Prophase

vi. The opposite charges \_\_\_\_\_ each other.

- Attract      (B) Repel      (C) Cancel      (D) None of them

vii. The path on which the current flow is called \_\_\_\_\_.

- (A) Resistance      (B) Resistor      ● Circuit      (D) None of these

viii. Sea water is basically \_\_\_\_\_ in nature.

- (A) Acidic      ● Saline      (C) Neutral      (D) Fresh

ix. How many percent of the world water is suitable for human use?

- (A) 25%      (B) 10%      ● Less than 1%      (D) 40%

x. Which one of the following is used in disinfecting water?

- (A) Bromine      ● Chlorine      (C) Iodine      (D) Fluorine

xi. Which one of the following causes acid rain?

- (A) Hydrocarbons      (B) Methane      (C) Halogens      ● Sulphur dioxide

xii. Ozone layer is present in.

- (A) Troposphere      (B) Mesosphere      ● Stratosphere      (D) Thermosphere

xiii. Which of the following is an air pollutant?

- (A) Nitrogen      ● Carbon dioxide      (C) Carbon monoxides      (D) Oxygen

xiv. Identify an input device in the following?

- (A) Monitor      (B) Speaker      (C) Printer      ● Mouse

xv. Artificial satellite are the object which revolve around the?

- (A) Sun      ● Earth      (C) Star      (D) Moom