



**MCQs:**

**1. Which of the following statement/s is/are true?**

1. Biofertilizers are substance that contains microbes.
2. Rhizobium is one of the vital symbiotic nitrogen-fixing bacteria which is used as bio fertilizer.

- (a) 1 only  
(b) 2 only  
(c) Both 1 and 2  
(d) Neither 1 nor 2

Ans: c

**Explanation:** Biofertilizers are substance that contains microbes, which helps in promoting the growth of plants and trees by increasing the supply of essential nutrients to the plants. It comprises living organisms which include mycorrhizal fungi, blue-green algae, and bacteria.

**2. The term Green Steel refers to?**

- (a) Steel which is made up of biomass  
(b) Steel which is green in green color due to Sulfur component  
(c) Steel made through steelmaking process that lowers greenhouse gas emissions  
(d) Steel which is made through process involving blue green algae

Ans: c

**Explanation:** The term 'Green Steel' refers to a steelmaking process that lowers greenhouse gas emissions, cuts costs and improves the quality of steel.

**3. Who discovered ABO blood group system?**

- (a) Gabriel Andral  
(b) William Addison  
(c) Karl Landsteiner



(d) Christiaan Barnard

Ans: c

**Explanation:**

Karl Landsteiner has been credited for the discovery of ABO blood group system in 1900. [1] His extensive research on serology based on simple but strong scientific reasoning led to identification of major blood groups such as O, A, and B types, compatibility testing, and subsequent transfusion practices.

**4. Which of the following statement/s are true?**

1. Organic manures are natural products used by farmers to provide food (plant nutrients) for the crop plants.

2. Organic manures increase the organic matter in the soil.

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ans: c

These manures also enable a soil to hold more water and also help to improve the drainage in clay soils. They provide organic acids that help to dissolve soil nutrients and make them available for the plants.

**5. Which of the following statement is wrong with respect to Plant cell?**

(a) Cell Shape Square or rectangular in shape

(b) Cell Wall is absent

(c) Nucleus is Present and lies on one side of the cell

(d) Lysosomes Present but are very rare

Ans: b

Cell wall is present. Centrosomes are absent. Plastids are present.