

1. Outline the types of placentation in fruits (5 marks)

2. Differentiate between

a. metaxylem and protoxylem

b. sclereid and fibre

c. morphogenesis and totipotency

d. stipules and spines

e. tracheids and xylem vessels (5 marks)

3. Outline 5 types of racemous inflorescences (5 marks)

4. Explain how periderm is formed (5 marks)

5. Outline the advantages of asexual reproduction over sexual reproduction

6. Outline the differences between gymnosperms and angiosperms