



# BIOLOGY

## BOOKS - VGS PUBLICATION-BRILLIANT

### MODEL PAPER 5

#### Section A

1. What is meant by manuals and monographs ?



**Watch Video Solution**

2. How are viroids different from viruses?



[Watch Video Solution](#)

3. What is Palaeobotany ? What is its use ?



[Watch Video Solution](#)

4. What is geocarpy ? Name the plant which exhibits this phenomenon.



**Watch Video Solution**

5. What is meant by parthenocarpic fruit? How is it useful?



**Watch Video Solution**

6. What is the significance of vacuole in a plant cell?



**Watch Video Solution**

7. An anther has 1200 pollen grains. How many pollen mother cells must have been there to produce them ?



**Watch Video Solution**

8. What constituents of DNA are linked by glycosidic bond ?



**Watch Video Solution**

9. Define population and community.



**Watch Video Solution**

10. What is meant by epipetalous condition?

Give an example.



**Watch Video Solution**

**Section B**

1. What are the characteristic features of Euglenoids?



[Watch Video Solution](#)

2. Differentiate between liverworts and mosses.



[Watch Video Solution](#)

3. Vegetative reproduction is also a type of asexual reproduction". Justify the statement.



[Watch Video Solution](#)

4. Give economic importance of plants belonging to Fabaceae.



[Watch Video Solution](#)

5. What are nucleosomes ? What are they made of ?



**Watch Video Solution**

6. What is the difference between lenticels and stomata ?



**Watch Video Solution**



7. Though redundantly described as a resting phase, interphase does not really involve rest.

Comment.



[Watch Video Solution](#)

8. Write a brief account on classification of xerophytes.



[Watch Video Solution](#)

1. Explain how stem is modified variously to perform different functions.



**Watch Video Solution**

2. With a neat, labelled diagram, describe the parts of a mature angiosperm embryo sac. Mention the role of synergids.



**Watch Video Solution**

3. Describe the internal structures of a Monocot Root .



**Watch Video Solution**