

SSR DEGREE COLLEGE (AUTONOMOUS) NIZAMABAD
M.Sc Botany sem-1 internal-2 question bank

Paper: (III) Bryology, Pteridology and Paleobotany

QUESTION BANK

I.MCQ

1. Paleo botany is the study of

- a) Living plants
- b) Fossil plants
- c) Algae only
- d) Plant physiology

Answer: b) Fossil plants

2. The main objective of paleobotany is to understand

- a) Plant anatomy
- b) Plant physiology
- c) Evolution of plants
- d) Plant ecology

Answer: c) Evolution of plants

3. Fossils preserved in rock layers are studied mainly by

- a) Zoology
- b) Ecology
- c) Paleontology
- d) Taxonomy

Answer: c) Paleontology

4. Which of the following is a type of fossilization?

- a) Photosynthesis
- b) Petrification

c) Germination

d) Transpiration

Answer: b) Petrification

5. Compression fossils usually preserve

a) Only roots

b) Only stems

c) Plant impressions

d) Whole plant structure

Answer: c) Plant impressions

6. Lyginopteridaceae belongs to which group?

a) Bryophytes

b) Pteridosperms

c) Angiosperms

d) Algae

Answer: b) Pteridosperms

7. Medullosae are known for having

a) Simple stems

b) No vascular tissue

c) Complex stelar structure

d) Flowers

Answer: c) Complex stelar structure

8. Glossopteris flora is mainly associated with

a) Jurassic period

b) Permian period

c) Triassic period

d) Cretaceous period

Answer: b) Permian period

9. BirbalSahni Institute is located at

- a) Delhi
- b) Mumbai
- c) Lucknow
- d) Kolkata

Answer: c) Lucknow

10. BirbalSahni Institute is famous for research in

- a) Plant physiology
- b) Molecular biology
- c) Paleobotany
- d) Ecology

Answer: c) Paleobotany

II. Fill in the blanks

1. The study of fossil plants is known as ____.

Answer: Paleobotany

2. The process by which plant remains are preserved in rocks is called ____.

Answer: Fossilization

3. Psilotales belong to the group ____.

Answer: Pteridophytes

4. Lycopodiales are characterized by leaves known as ____.

Answer: Microphylls

5. Selaginella shows ____ type of spores.

Answer: Heterosporous

6. Isoetes is commonly known as ____.

Answer: Quillwort

7. Equisetales are commonly called ____.

Answer: Horsetails

8. Filicales are commonly known as ____.

Answer: True ferns

9. Glossopteris is an important fossil plant found mainly in ____ continent.

Answer: Gondwana

10. Birbal Sahni Institute is located at ____.

Answer: Lucknow

III. Descriptive questions

1. Write the morphology and reproduction of Lycopodiales

(Or)

Write the morphology and reproduction of Equisetales

2. Write the definition of Fossilization and explain about the fossil types

(Or)

Explain about the Birbal Sahni institute of paleobotany