

**R.S.P.COLLEGE, JHARIA(Belagaria)**  
**Department of Botany**

Semester V Internal Examination, 2021

Paper: C-XI

Reproductive biology of Angiosperms

F.M.= 15

**Section A**

**Choose the correct Answer**

**[15 x 1 = 15]**

1. Pollination is best defined as
  - a) Germination of pollen grains
  - b) Visiting flowers by insects
  - c) Transfer of pollen from anther to stigma
  - d) Growth of pollen tube in ovule

Answer: c

2. Pollinia are sac like structures
  - a) In which anther lobes are present
  - b) Which are present in megasporangia
  - c) in which pollen grains are present in mass
  - d) which secrete yellow substance called pollenkit material

Answer: c

3. The exine of a pollen grain is made of
  - a) Pectin and cellulose
  - b)sporopollenin
  - c) pollenkit
  - d) lignocellulose

Answer: b

4. Self pollination occurs between stamens and carpels of the
  - a) Same flower

- b) Different flowers
- c) Same flower or the different flowers of the same plant
- d) Different flowers of the same plant

Answer: c

5. Pollination by bats is called

- a) Ornithophily
- b) Entomophily
- c) Malacophily
- d) Cheiropterophily

Answer: d

6. . Epidermis, Endothecium, Middle layers, Tapetum are \_\_\_\_\_

- a) pollen sac layers
- b) wall of anther
- c) pollen grain layers
- d) epidermal

Answer : b

7. What is the endothecium also called as?

- a) Vascular strand
- b) Fibrous layer
- c) Middle layer
- d) Hyperdermal layer

Answer: b

8. Which two layers of the anther wall contain large cells?

- a) Epidermis and Endothecium
- b) Endothecium and Middle layers
- c) Endothecium and Tapetum
- d) Epidermis and Tapetum

Answer: c

9. What is the stalk called?

- a) Carpel

- b) Sepal
- c) Funicle
- d) Hypothalamus

Answer c

10. Mass of parenchymatous cells on the body of the ovary is also called \_\_\_\_\_

- a) nucellus
- b) meristematic cell
- c) tegument
- d) ovule

Answer a

11. Passage at one end of the ovary is called as \_\_\_\_\_

- a) micropyle
- b) funicle
- c) chalaza
- d) hilum

Answer: a

12. Origin of integuments are \_\_\_\_\_

- a) funicle
- b) hilum
- c) micropyle
- d) chalaza

Answer d

13. Pollination is characteristic of

- a) Gymnosperms
- b) Fungi
- c) Angiosperms
- d) Pteridophytes

Answer: c

14. The deposition of pollen on the stigma of another flower of the same plant is known as

- a) Homogamy
- b) Dichogamy
- c) Geitonogamy
- d) Xenogamy

Answer: c

15. What is ategmic?

- a) Presence of 1 tegument
- b) Presence of 3 teguments
- c) Absence of integuments
- d) Presence of 2 teguments

Answer c