

**B.sc. SEM III
BOT-A
CC 5 (Paleobotany and Palynology)
Internal Examination
2021-22**

Time: 30 min

FM 10

Answer any ten questions:

1X10

- i) What is coal ball?
- ii) What is form genus?
- iii) What is index fossil?
- iv) What is fossil dating?
- v) Name one species of *Rhinia*?
- vi) Mention one difference between spore and pollen.
- vii) What is microfossil?
- viii) Who reconstructed *Williamsonia*?
- ix) Give an example of lower Gondwana flora.
- x) Give an example of living fossil.
- xi) What is megafossil?
- xii) What is sporopollenin?

B.sc. SEM III
BOT-A
CC 6 (Reproductive Biology of Angiosperm)
Internal Examination
2021-22

Time: 30 min

FM 10

Answer any ten questions:

1X10

- i) Draw imbricate aestivation.
- ii) Give an example of berry.
- iii) What is pappus?
- iv) Write a difference between cymose and racemose inflorescence.
- v) What is drup?
- vi) Define megasporogenesis.
- vii) What is apospory?
- viii) What is polyembryony?
- ix) Define microsporogenesis.
- x) Give an example of free central placentation.
- xi) What is jaculator?
- xii) What is double fertilization?

B.sc. SEM III
BOT-A
CC 7 (Plant Systematics)
Internal Examination
2021-22

Time: 30 min

FM 10

Answer any ten questions:

1X10

- i) What is indented key?
- ii) What is type genus?
- iii) What is tautonym?
- iv) Name the largest herbarium in India?
- v) What is Author Citation?
- vi) Write a merit of Takhtajan system of classification?
- vii) What is cladogram?
- viii) Name one economic important plant of palmae.
- ix) What is alpha taxonomy?
- x) Cite one advance character of Orchidaceae.
- xi) Give the full form of APG.
- xii) What is systematic?

B.sc. SEM III
BOT-A
SEC A (Biofertilizers)
Internal Examination
2021-22

Time: 30 min

FM 10

Answer any ten questions:

1X10

- i) Name of Indian species of *Anabaena*.
- ii) Write the full form of VAM?
- iii) Give an example of major type of biofertilizer.
- iv) Write one advantage of using biofertilizer?
- v) Name of Indian species of *Rhizobium*.
- vi) Give an example of Phosphate solubilizing bacteria.
- vii) What is compost?
- viii) Name of Indian species of *Azotobacter*.
- ix) What are biofertilizers?
- x) What is PGPR?
- xi) Give an example of endomycorrhiza.
- xii) What is organic farming?