

**B.sc. SEM 3**  
**BOT-A**  
**CC 5-P (PALAEOBOTANY AND PALYNOLOGY)**  
**Practical Examination**  
**2021-22**

**Time: 1 hr 30 min**

**FM 30**

**Answer the following questions:**

- |   |     |
|---|-----|
| 1. a) What is form genus? Give an example                                   | 2   |
| b) What are reconstructed fossils? Give an example                          | 2   |
| c) What are living fossils? Mention one example.                            | 2   |
| d) Write down the morphological characters of <i>Glossopteris</i> .         | 4   |
|   |     |
| 2. a) What do you mean by carbon dating of fossils?                         | 2   |
| b) Name two fossil Pteridophytes.   | 2   |
| c) Write the names of two fossil Gymnosperms                                | 2   |
| d) Write the identifying characters of <i>Cordaites</i> stem from stem T.S. | 4   |
|   |     |
| 3. a) What are spores and pollens?  | 2   |
| b) What is sporopollenin?   | 2   |
| c) Draw labeled sketch of colpate and Colporate types of pollen grains      | 3+3 |