

ST. JOSEPH'S COLLEGE (AUTONOMOUS), BANGALORE-560 027
MID SEMESTER TEST – AUGUST 2016
M.Sc. BOTANY – I SEMESTER
BO 7415 : PALEOBOTANY, PALYNOLOGY AND ANATOMY

Time – 1 ½ hours

Max. marks = 35

*This question paper has one printed side and three parts
Draw diagrams wherever necessary*

- A. Write on any **FIVE** of the following: 5x2=10
1. Adolph Brongniart
 2. Cast
 3. Corbicula
 4. Scrobiculate pollen
 5. Expansion cell
 6. Vescicular hair
 7. Intussusception
- B. Write briefly on any **THREE** of the following: 3x5=15
8. Shape of pollen grains
 9. Anatomy of isobilateral leaf
 10. Medullary bundles
 11. Bordered pits
 12. Geological phenomena directly responsible for fossilization
- C. Give a detailed account of any **ONE** of the following: 10x1=10
13. Types of sclereids
 14. (a) Petrifactions (b) Acetolysis technique
