

SEM	SET	PAPER CODE	TITLE OF THE PAPER
II	2014	14UBO230204	PTERIDOPHYTES, GYMNOSPERMS AND PALEOBOTANY

SECTION – B

Answer all the questions:

5 x 5 = 25

31. a. Narrate the classification of pteridophytes by Reimer.

OR

b. Describe the salient features of sphenopsida.

32. a. Enumerate the gametophyte of Lycopodium.

OR

b. With labelled diagrams, explain the structure of sporocarp in Marsilea.

33. a. Describe the general characters of Gymnosperms.

OR

b. Describe the salient features of cordaitales.

34. a. List out the economic importance of cycas and pinus.

OR

b. Describe the anatomical features of cycas leaflet with diagram.

35. a. Give an account of geological time scale.

OR

b. Describe calamites.

SECTION – C

Answer any THREE questions:

3 x 15 = 45

36. With suitable example, give a detailed account of stelar evolution in pteridophytes.
37. Describe the life history of Adiantum, with special reference to alternation of generation.
38. Describe the reproductive structures of coniferopsida.
39. Discuss the structure and reproduction of Gnetum.
40. Define paleobotany. Explain different types of fossilizations which you have studied.
