Seat No.	:	
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JF-102

January-2021

B.Sc., Sem.-III

202 : Botany

(New Course)

Time: 2 Hours]			[Max. Marks: 50	
(2) Attemp		Attempt any THREE questions in Section – I.		
		Section – I		
1. (A) (B)		be secondary growth in Sunflower stem. note on simple tissue.	7 7	
2. (A) (B)		lassification of Meristem. pe primary structure of Maize root.	7 7	
3. (A) (B)		be external and internal ecological adaptations in Nymphea note on social composition.	7 7	
4. (A) (B)		note on soil profile. be external and internal ecological adaptations in Nerium.	7 7	
5. (A) (B)		be polygonum type embryo sac. note on Microsporangium and Microsporogenesis.	7 7	
6. (A) (B)		note on pollination in Salvia.	7 7	
7. (A) (B)		pe ultra structure of Cell wall. pe Ribosomes.	7 7	
8. (A) (B)		note on Lysosome. be Endoplasmic reticulum.	7 7	
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Section - II

8

9. Answer in short : (any eight) Define Cambium. Which type of vascular bundle is found in maize stem? (ii) (iii) Which type of vascular bundle is found in Sunflower root? (iv) What is Periderm? (v) Define soil. (vi) Give two steps of soil conservation. (vii) What is remote sensing? (viii) What is biological clock? (ix) What is megasporogensis? (x) Define double fertilization. (xi) Define Pollination. (xii) Give types of bisporic embryo sac. (xiii) Give types of plasma membrane models. (xiv) Give two functions of Dictyosome. (xv) Give two functions of Nucleus. (xvi) Give two functions of cell wall.

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