SEAT No.	No. of Printed Pa	ages:2
B.Sc. EXAMINATION SUBJECT : BOTA	OAR PATEL UNIVERSITY SEMESTER: VI CODE: US06C NY (ANATOMY OF ANGIOSPERI Y Time: 10.00 to 12.00 Total mar	MS)
Q. 1 Multiple choice ques 1. Plant Anatomy is also ki (a) Phytology (b) Phyto		10
	which acts as cement and hardens the e (c) Cutin (d) Cuticle	tissues
(a) Cork cambium(c) Cortex cambium4. Bordered pits are found	(d) Vascular cambium	LIBRARY
5. Phloem fibers are also of (a) Sieve tubes (b) Basi	called t fibers (c) Sieve elements (d) Sieve c	ell
6. Annual rings are distinct(a) Temperate regions(c) Grassland		
7. Ray initials which are (a) Vertically (b) Horizo	ontally (c) Parallel (d) Cross	
•	internal tissues against excessive loss mis (c) Endodermis (d)Cambium	s of water
9. Bulliform cells are prese (a) Monocot (b) Dicot (ent in c) Gymnosperm (d) Pteridophyte	
	ng is tubular, unicellular and un-brar les (c) Trichomes (d) Bladders	nched?

(1)

(P.T.O.)

 Casperian strips are found in (Endodermis/Exodermis) are aerating pores in the bark of plants.(Rhytidome/Lentid The thickening present on the outer surface the secondary wis (Adcrustation / Incrustation) True or False. The flexibility in plants is due to permanent tissue collenchym Tunica corpus theory is connected with Root cap. In most angiosperms reaction wood is called compression wood. Sunken stomata are present in xerophytes. 	all a.
Q. 3 Answer in short (Attempt any Ten). 1. Write the applications of Plant anatomy in Systematics. 2. What is Cytodifferentiation? 3. What is Polarity in Plant? 4. What is Pits and Plasmodesmata? 5. What is Wall in growths and transfer cell? 6. What is Endodermis and Exodermis? 7. Differentiate: Sapwood and Heartwood. 8. What is Earlywood and Latewood? 9. What is Dendrochonology? 10. Define: Uni and multicellular trichomes. 11. Write the functions of cuticle. 12. Write the functions of Epidermis.	20
 Q. 4 Long answer questions (Attempt any four). (1) Write the structure and development of Plant body. (2) Write characteristics and definition of Meristematic tissue. (3) Write short note on Xylem. (4) Differentiate: Dicot and Monocot leaf. (5) Write a short note on Periderm. (6) Discuss the secondary growth in Dicot stem. (7) Write a short note on Stomata. (8) Discuss anatomical adaptation of Hydrophytes. 	32