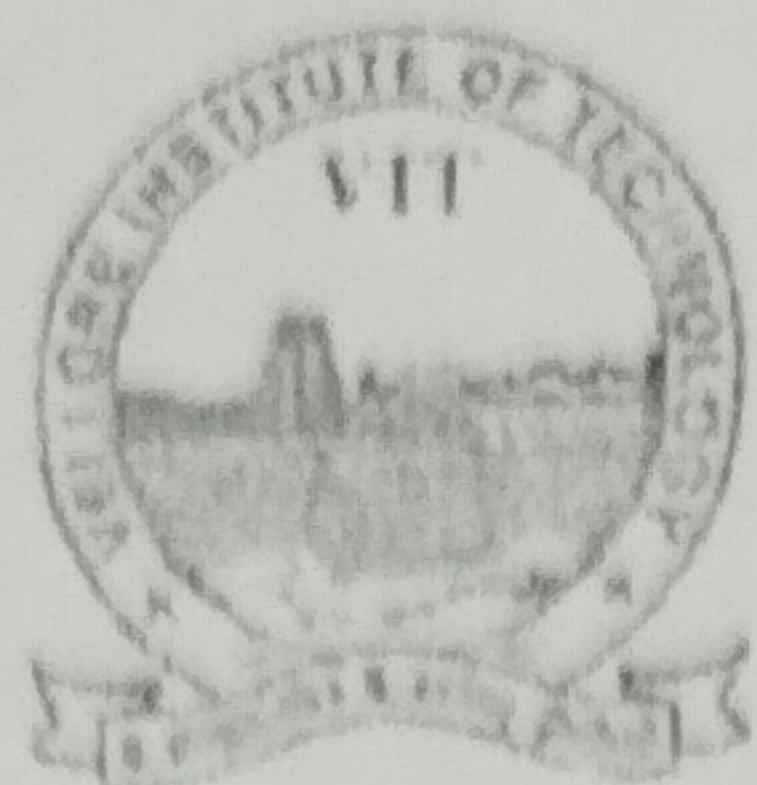


**VIT**

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

School of Bio Sciences and Technology

Fall Semester 2024- 2025

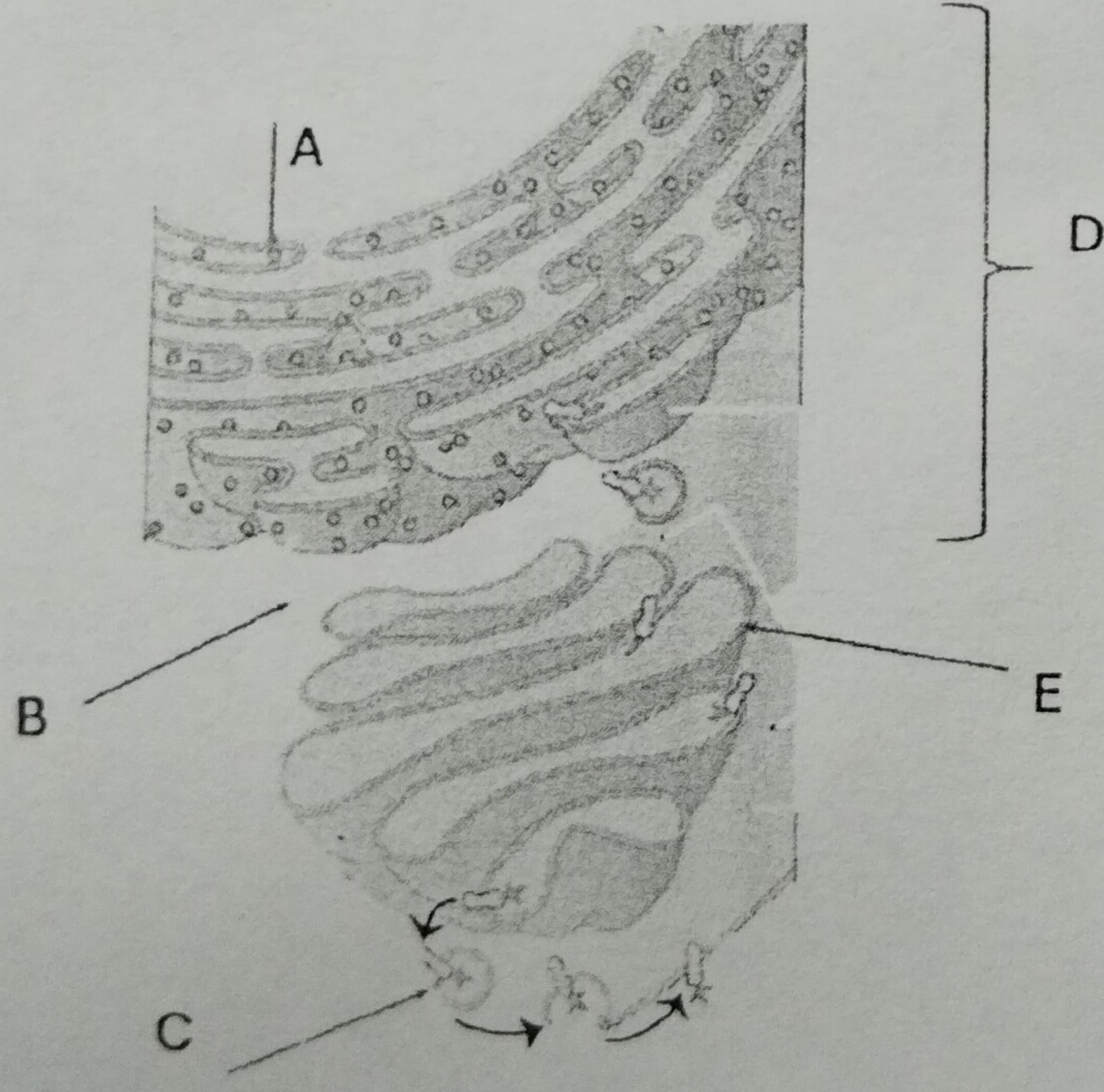
Continuous Assessment Test – I

Programme Name & Branch B. Tech. Biotechnology
Course Name & code: CELL BIOLOGY AND GENETICS & BBIT204L
Class Number (s): VL2024250104091 & VL2024250104096
Slot : B1+TB1
Faculty Name (s): C. Rajasekaran & Trupti Patel

Exam Duration: 90 Min.

Maximum Marks: 50

General instruction(s): Answer all the questions
 Draw neat diagram wherever necessary

Q. No.	Question	Max Marks
1.	Name two organelles absent in animal cells and describe them with their functions.	10
2.	Describe in detail the structure and function of lysosomes & microbodies	10
3.	Which cellular movement allows surface migration? Describe one in detail.	10
4.	 i) Label A, B, C, D and E (5m) ii) Mention the role of section B in the cellular network (2m) iii) Give the function of A and D (3m)	10
5.	Write a brief summary on the following: a. Structure of Lattice in a cell b. Types of Intermediate filaments	10