

CRM08

Rev 1.16

FY

04.04.2025

## CONTINUOUS INTERNAL EVALUATION - 1

Dept: AI,CD,CS	Sem / Div: IV	Sub: Biology for Computer Engineers	S Code: BBOC407
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Date: 17/04/25	Time: 9:30-11:00	Max Marks: 50	Elective: N
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Note: Answer any 2 full questions, choosing one full question from each part.

QN	Questions	Marks	RBT	CO's
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### PART A

1 a	With a neat labeled diagram explain the structure and functions of cell and cell organelles.	10	L2	CO1
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b	Describe any 4 properties and applications of nucleic acids.	8	L2	CO1
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c	Explain any 3 properties and applications of vitamins.	7	L2	CO1
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### OR

2 a	What are stem cells? Explain the classification of stem cells mentioning their properties and applications.	10	L2	CO1
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b	Describe any 4 properties and applications of carbohydrates.	8	L2	CO1
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c	Explain any 3 properties and applications of enzymes.	7	L2	CO1
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### PART B

3 a	What are Bio-plastics. List any 3 properties and applications of Poly Hydroxy Alkanoates.	7	L1	CO1
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b	Explain the engineering application of carbohydrates in designing of filters.	8	L2	CO1
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c	Explain and show eye as camera system.	10	L3	CO2
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### OR

- 4 a What are enzymes? List any 3 enzymes used in food production industry and mention their roles. 7 L1
- b Illustrate the application of Nucleic acid for production of vaccines. 8 L2 CO1
- c With neat labeled describe and show brain as a CPU system. 10 L3 CO2

Prepared by:

  
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