Sanjay Ghodawat University, Kolhapur

2020-21

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/00

Year and Program: 2021/F.Y B-Tech	**School of Technology**	**Department: F.Y B-Tech**
Course Code: FYT 123 R1	**Course Title: Biology for Engineers**	**Semester : I**
Day and Date: Tuesday 11.05.2021	**End Semester Examination**	**Time : 2 Hrs.** **Max Marks : 50**

Instructions: 1) All Questions are compulsory.

		Marks	Bloom's Level	CO
Q.1	**Answer/Solve the following (Any Two)**			
a)	What are carbohydrates? Describe monosaccharides and disaccharides with examples.	8	L1	CO1
b)	Explain in detail the human circulatory system.	8	L2	CO2
c)	Cell is the fundamental, structural and functional unit of Life- Justify.	8	L3	CO1
Q.2	**Answer/Solve the following (Any Two)**			
a)	Discuss the theories related to origin of life.	8	L2	CO1
b)	Give names and functions of organs of the immune system.	8	L1	CO3
c)	Draw neat labelled diagram of an antibody. Discuss the functions of different antibodies in an immune response.	8	L2	CO3
Q.3	**Answer/Solve the following (Any Two)**			
a)	Examine the role of transgenic technology in plant modifications.	9	L4	CO4
b)	Justify the use of biofertilizer for bioremediation.	9	L3	CO2
c)	Explain the term green technology and mention its applications.	9	L2	CO4

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