

BACHELOR OF TECHNOLOGY (C.B.C.S.) (2021-COURSE)
B. Tech. Sem - II CHEMICAL :SUMMER- 2022
SUBJECT : BIOLOGICAL SCIENCES

Day : Wednesday
Date : 3/8/2022

S-24054-2022

Time : 10:00 AM-01:00 PM
Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Assume suitable data **WHEREVER** necessary.

Q.1 Give classification of culture media based on functional use/ application. (10)

OR

Illustrate culture procedure. (10)

Q.2 What are lipids? Give various functions of lipids with example. (10)

OR

Give different phases in kinetics of biological system. Give importance of each phase. (10)

Q.3 Illustrate various biotechnological applications of enzymes in various industries. (10)

OR

Illustrate enzymatic action with substrate to give product. (10)

Q.4 Give applications of biomaterials in various fields. Illustrate with example. (10)

OR

What is the effect of physiological fluid on the properties of biomaterials. (10)

Q.5 Illustrate the relation between biodiversity and climate change. (10)

OR

Elaborate on "Importance of biodiversity in daily life". (10)

Q.6 Illustrate one case study of handling of hazardous microorganisms. (10)

OR

What is food adulteration Act (1955). Give its importance. (10)

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