

KATHMANDU UNIVERSITY  
End Semester Examination  
June/July, 2023

Marks Scored:

Level : B.Tech.

Year : II

Exam Roll No. :

Time: 30 mins.

Registration No.:

Course : BIOT 211

Semester : II

F. M. : 20

Date **10 JUL 2023**

SECTION "A"

Mark [X] appropriate answer from the given choices.

[10 Q. × 0.5 = 5 marks]

- Now a days, biological resources are commonly destroyed by-  
 Pollution       Population       Rains       Floods
- Which of the following are biofertilizers?  
 *Anabaena* and *Azolla*       Fertilizers produced by biotechnology  
 Actinomycetes       Quick growing crop ploughed under soil
- Bio-magnification refers to  
 Increase in concentration of non-degradable pollutants through a food chain  
 Increase in population size  
 Growth of organisms due to food consumption  
 Blowing up of environment issues by man
- Glyphosate, an organophosphorous, is considered to be a potential-  
 Pesticide       Insecticide  
 Plant growth promoting hormone       Herbicide
- Escherichia coli* is used as an indicator organisms to determine pollution of water with:  
 Industrial effluents       Pollen of aquatic plants  
 Heavy metals       Faecal matter
- Old leguminous roots turn green due to  
 Conversion of leghaemoglobin to chl 'a'  
 Breakdown of leghaemoglobin  
 Conversion of leghaemoglobin to chl 'b'  
 Conversion of leghaemoglobin to chl 'c'
- Sewage water can be purified for recycling with the action of:  
 Aquatic plants       Microorganisms       Fishes       PGPR
- Which of the following polysaccharides is probably the most abundant organic substance on earth?  
 Chitin       Cellulose       Starch       Inulin



- 20. Particle count methods.....  
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- 21. Leaching.....  
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- 22. Ideonellasakaiensis .....  
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- 23. PSB.....  
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- 24. Bioventing.....  
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- 25. PLA.....  
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