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: 2020 /First Year B.Sc | **School of Science** | **Department: Chemistry**

Course Code: BOS-102 | **Course Title: Botany-I** | **Semester : I**

Day : | **Re-End Semester Examination** | **Time:2 Hrs.**

Date: | **Max Marks:50**

Question Paper

Instructions: 1) All Questions are compulsory.
2) Draw neat labelled diagrams wherever necessary

		Marks	Bloom's Level	CO
Q.1	**Answer the following (any Two)**			
a)	With the help of a neat labelled diagram, elaborate the structure of Bacteriophage.	8	L2	CO1
b)	Describe the structure of plasma membrane. Also, state the significance of its semipermeable nature.	8	L2	CO1
c)	Write down the economic importance of algae.	8	L1	CO2
Q.2	**Answer the following (any two)**			
a)	Explain the structure and life cycle of Nostoc with the help of a well labeleddiagram.	8	L1	CO2
b)	Describe with the help of a diagram the life cycle of Penicilium.	8	L3	CO2
c)	Explain the general characteristics of a bryophyte.	8	L3	C03
Q.3	**Answer the following (any two) –**			
a)	What do you understand by Botanical Gardens? Explain the origin and formation of botanical gardens in India.	9	L2	CO3
b)	Give a comparative description about the characteristics of pteridophytes and gymnosperms.	9	L3	CO4
c)	Describe with the help of a diagram the life cycle of Pinus	9	L4	CO4

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