

Code No: PH107**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****Pharm.D I Year Supplementary Examinations, October/November - 2019****REMEDIAL BIOLOGY****Time: 3hours****Max.Marks:70**

Answer any five questions
All questions carry equal marks

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1. Describe various membrane bound organelles in plants and discuss their functions in detail. [14]
- 2.a) Give an overview of all three types of tissues in plants.
b) Write about kingdom plantae its features and various subclasses. [7+7]
- 3.a) Give an account of aerial stem modifications.
b) Define inflorescence and differentiate between determinate and indeterminate inflorescence. [7+7]
- 4.a) Discuss the taxonomy of solanaceae and liliaceae.
b) Differentiate the features of fungi and bacteria with suitable examples. [7+7]
5. Discuss all the important components of animal cell and compare it with plant cell. [14]
- 6.a) Give a detailed account of epithelial tissues and connective tissues with their functions.
b) Write a note on central nervous system of frog. [7+7]
7. Describe digestive system of mammals also mentioning the glands associated in the process. [14]
8. Describe five poisonous animals also mentioning their mode of action. [14]

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