

Code No. 6118

FACULTY**Pharm D (6 – YDC) I – Year (Main / Backlog) Examination, August 2016****Subject: Biology****Time: 3 Hours****Max.Marks: 70****Note: Answer all questions from Part – A. Answer any Five questions from Part – B.****PART – A (10x2 = 20 Marks)**

- 1 What are plastids?
- 2 Write about parenchyma.
- 3 What is leaf?
- 4 Explain Tyloses.
- 5 What is Corm?
- 6 Explain Aestivation.
- 7 What is Penicillin?
- 8 Explain Ovipary.
- 9 Write about common Indian Frog.
- 10 Briefly explain Naja Naja.

PART – B (5x10 = 50 Marks)

- 11 a) Write a note on phylogenetic system of classification.
b) Describe the structure of typical plant cell.
- 12 a) Explain about the permanent tissues in plants with a detailed note on phloem.
b) Write a note on leaf modifications.
- 13 a) Describe the cymose inflorescence.
b) Describe the structure of flower.
- 14 a) Give the general characters of solanaceae.
b) Write about the general characters, economic importance and medicinal uses of umbelliferae plants.
- 15 a) What are fungi? How are they classified? Give the pharmaceutical importance of yeasts.
b) Write a note on animal tissues.
- 16 a) What is transpiration? Give an account of the mechanism of opening and closing of stomata.
b) Describe the various steps in Krebs cycle.
- 17 a) Describe the respiration in Pisces.
b) Write the salient features of Aves.
- 18 a) Describe the circulatory system in frog.
b) Write a note on poisonous animals.
