

FACULTY**Pharm D (6–YDC) I – Year (Main & Backlog) Examination, July 2018****Subject: Biology****Time: 3 Hours****Max.Marks: 70****Note: Answer all questions from Part – A. Any Five questions from Part – B.****PART – A (10x2 = 20 Marks)**

Write about:

- 1 Collenchyma
- 2 Thallophyta
- 3 Muscle tissue
- 4 Flower
- 5 Metamorphosis
- 6 Hydathodes
- 7 Placentation
- 8 Lung fishes
- 9 Pollination
- 10 Venom of snake

PART – B (50 Marks)

- 11 a) Give an account of cell inclusions in plants.
b) Explain about the complex tissue system in plants.
- 12 a) Give an account on aerial stem modifications.
b) Write about Bentham and Hooker's classification of plant kingdom.
- 13 a) Write a note on root system and brief about root modifications.
b) Describe the structural features of seed coat.
- 14 a) Write a note on inflorescence and explain Racemose inflorescence.
b) Describe the role of yeasts in fermentation.
- 15 a) Give an account on floral characters of liliaceae.
b) Describe the economic importance and medicinal values of solanaceae plants.
- 16 a) Give an account on TCA cycle.
b) Write a detailed note on respiration in frog.
- 17 a) Describe the anatomy of dicot stem.
b) Write a note on simple fruits.
- 18 a) Write the distinguishing general characters of class mammals.
b) Give the medicinal importance of classes Pisces and Aves.
