

ST. JOSEPH'S COLLEGE (AUTONOMOUS), BANGALORE - 27
MID SEMESTER TEST – AUGUST 2016
M.Sc. BOTANY – I SEMESTER
BO 7115 : VIRUSES, MYCOPLASMA, BACTERIA AND FUNGI

Time: 1 1/2 hours

Max. Marks: 35

This question paper has ONE printed page and three parts

Instructions - Draw labeled diagrams and write examples wherever necessary

A. Explain/ Define any FIVE of the following in two or three sentences each: 5x2=10

1. Cryptogram
2. Plasmodial thallus.
3. Plectenchyma.
4. Dimorphic fungi.
5. Dimitry Iwanowsky.
6. Acholeplasma.
7. 'Fried egg' colony.

B. Write critical notes on any THREE of the following: 3x5=15

8. Viral penetration in T4 Bacteriophage.
9. Five kingdom classification.
10. Conidial fructifications.
11. Salient features of Ascomycotina.
12. General characters of Mycoplasma.

C. Give a comprehensive account on any ONE of the following: 1x10=10

13. Morphology of viruses.
14. Gametangial contact and gametangial copulation.