

DSC-341

M.Sc. IVth Semester (Electronics) Examination, 2020

Paper - II

Microwave and Optical Communication

[Maximum Marks : 85]

Note :- All questions from each section carry equal marks. All questions are compulsory and answer limit are approximately 250 words. Start the answer of each section from new page. Maximum limit of pages of answer booklet are approximately 16 pages. Answer should be written by the student in his/her own handwriting mandatory. The first page of answersheet should be download by the student from university website www.bubhopal.ac.in is mandatory.

1. Explain two cavity klystron and reflex klystron oscillator.
2. Explain Microwave components and Measurements.
3. Explain principles of Optical Communication. How does Optical fiber work as wave guide?
4. What do you mean by optical fiber cable and fiber joints ?
5. Describe Optical transmitters and Receivers.