

# DSC-519

## B.Pharm. VIII<sup>th</sup> Semester Examination, 2020

### Pharmaceutical Analysis-III

#### Paper - T-84

[Maximum Marks : 70

**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](http://www.bubhopal.ac.in) is mandatory.

1. Explain beer-Lamber's law. Write an explanatory note on monochromators.
2. Describe Fourier Transform Mass Spectrometry.
3. Discuss the requirements for infrared radiation absorption. Explain the instrumentation of Infrared spectroscopy.
4. Define chemical shift. Explain the factors influencing chemical shift.
5. Discuss the general principles of flame photometry. What are the limitations of flame Photometry?