FirstRanker.com
Firstranker's choice
www.FirstRanker.com www.FirstRanker.com

Roll No. | | | | | | | | | | | | |

Total No. of Pages : 01

Total No. of Questions : 06

M.Pharmacy (Pharmaceutics) (2017 & Onwards) (Sem.–1)

MODERN PHARMACEUTICAL ANALYTICAL TECHNIQUES

Subject Code : MPH-101T

M.Code : 74657

Time : 3 Hrs. Max. Marks : 75

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of SIX questions.
2. Each question carries EQUAL marks.

Q1. a. Describe the principle, instrumentation and applications of atomic absorption spectroscopy. 10

b. Describe the principle and applications of IR spectroscopy. 5

Q2. a. Write a detailed account on ^{13}C NMR. 10

b. How to differentiate between ^{1}H NMR peak of OH and CH? 5

Q3. Describe the principle, theory and instrumentation of Mass spectrometer. 15

Q4. Write a detailed account on HPLC. 15

Q5. Write a detailed account on X-Ray crystallography. 15

Q6. Write a detailed account on RIA. 15

firstranker.com
www.FirstRanker.com

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

FirstRanker.com
Firstranker's choice
www.FirstRanker.com