

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)

CLASS: M.Pharm
BRANCH: PHARMACY

SEMESTER: II
SESSION: SP-22

SUBJECT: MPG 202 T Advanced Pharmacognosy

TIME: 3.00 Hours

FULL MARK: 75

INSTRUCTIONS:

1. The missing data, if any, may be assumed suitably.
 2. Before attempting the question paper, be sure that you have got the correct question paper.
 3. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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Answer 5 questions out of 7

- 1a. What is the significance and describe method for determination of pesticide ratio? [7]
- 1b. Analyze the importance of five different *in vivo* methods in evaluation of different activities of natural drugs? [8]
- 2a. Compare the significance of different Ash values and their methods of determination? [7]
- 2b. What is the significance of bitterness value and haemolytic activity and write their method of determination? [8]
- 3a. How the swelling index and foaming index determined and write their significance? [7]
- 3b. Write the importance and methods of determination of sampling and different Extractive values? [8]
- 4a. Analyze the significance and methods of determination of water and volatile matter? [7]
- 4b. Define and compare the advantages and disadvantages of Bio-prospecting? [8]
- 5a. Examine the development of new drugs from natural drugs with examples? [7]
- 5b. Discuss in detail the different causes of Adulteration and different methods of evaluation?? [8]
- 6a. Classify the importance and methods of determination of aflatoxin in herbal drugs? [7]
- 6b. Identify the role of ethno pharmacology in modern medicine? [8]
- 7a. Propose QbD for analytical techniques used for analysis of herbal drugs? [7]
- 7b. Classify and describe in brief different analytical techniques used for analysis of herbal drugs? [8]

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