



INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF CHELTENHAM  
DEGREE OF BACHELOR OF UNANI MEDICINE AND SURGERY  
LEVEL II – SECOND SEMESTER EXAMINATION – JULY -AUGUST 2011  
IA 2207 – INDUSTRIAL DRUG MANUFACTURE

Time: 1 1/2 hours  
(1.45 p.m. – 3.15 p.m.)

Index No:

Answer all questions.

**Structured Questions**

1. Briefly write the role of following equipments / machineries in pharmaceutical industry

1.1 Pulverizer

(2 marks)

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1.2 Saccharometer

(2 marks)

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1.3 Sugar Refractometer

(2 marks)

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1.4 Fragility Tester

(2 marks)

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1.5 Disintegration Tester

(2 marks)

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2. Describe the WHO guidelines on following factors of raw/ herbal drugs

2.1 Organo- leptic identification of raw drug

(2 marks)

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2.2 Physico- chemical characters of herbal drug

(2 marks)

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2.3 Pharmacological parameters

(2 marks)

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2.4 Microbial contamination

(2 marks)

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2.5 Radioactive contamination

(2 marks)

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### Essay Questions

- 1.
  - a. What do you understand by the term size reduction (06 marks)
  - b. What are the types of size reduction (08 marks)
  - c. Discuss the advantages and disadvantages of size reduction (06 marks)
  
- 2. Write detail description on Good Manufacturing Practice (20 marks)

17.07.2019