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- 300000 - 15

INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO, RAJAGIRIYA

LEVEL II BUMS- SECOND SEMESTER EXAMINATION - MARCH 2016

INDUSTRIAL DRUG MANUFACTURE

COURSE CODE - IA 2207

Time: 1 1/2 hours
1.45. p.m. -03.15 p.m.

Index No:

Answer all questions.

Structured Questions

1. What is quality standardization? (03 Marks)

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2. What is quality control? (04 Marks)

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3. What is mean by stability? (02 Marks)

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4. Give four chemical reactions which spoil the stability of a product (04 Marks)

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22-10

Q5 What are the signs of instability of a compound formulation?

(03 Marks)

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Q6 Give four reasons for product contamination.

(04 Marks)

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Q7 Define the Retardation factor (R_f) of the Thin Layer Chromatography

(03 Marks)

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Q8 List out 3 possible applications of Thin Layer Chromatography in quality control laboratory

(03 Marks)

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Q9 What is the equipment needed to determined the following parameters?

(a) Total ash

(02 Marks)

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(b) Heavy metals

(02 Marks)

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Essay Questions

1. Need to check the quality of a herbal capsule containing 4 plant ingredients.
Briefly explain 4 possible parameters which are needed to check in the capsule (20 Marks)

2. Write in detail on equipments and its uses in herbal pharmaceutical industry
(20 Marks)

28.03.2016