

Total No. of Questions : 6]

SEAT No. :

P3179

[Total No. of Pages : 3

[5245]-705

Final Year B. Pharmacy (Semester - VII)
4.7.5 : NATURAL DRUG TECHNOLOGY
(2013 Pattern) (Theory)

Time : 3 Hours]

[Max. Marks :70

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Answers to the two sections should be written in separate answer books.*
- 3) *Figures to the right indicate full marks.*

SECTION - I

Q1) Explain Basic Concepts of 'Ayurveda'. Add a note on Diagnosis and Treatment in Ayurveda. **[10]**

OR

What are the Current Approaches of Herbal Drug Standardization? Describe the System Biology Approach.

Q2) Answer the following (Any Five) : **[15]**

- a) Describe the Method of Preparation of Bhasma.
- b) Why the Crude Drugs are required to be Protected from Moisture and Temperature?
- c) Describe the Applications of DNA fingerprinting in Plant Identification.
- d) Explain Panchmahabhuta Siddhanta.
- e) Describe the factors responsible for Level of Plant metabolites.
- f) Explain Principle of Homeopathy.
- g) How crude drugs can be protected from Livestock?

P.T.O

Q3) Write a Note on (Any Two) :

[10]

- a) Siddha System of Medicine
- b) Good Agriculture Practices
- c) Arishta and Asava
- d) Crude Drug Monograph

SECTION - II

Q4) What are Various Novel Drug Delivery Systems? Describe Phytosomes.[10]

OR

What is Significance of Dietary Supplements? Explain Pre and Probiotics.

Q5) Answer the following (Any Five) :

[15]

- a) Explain the Role of Turmeric in Skin Cosmetics
- b) Describe Insect flower.
- c) Describe the Significance of Omega -3- PUFA.
- d) Describe the Importance of Essential Oils in Skin Permeation Enhancers.
- e) Brief on Natural Products used in Wound Recovery.
- f) Explain Spirulina as Dietary Supplement.
- g) How Amla is useful in Herbal Cosmetics?

Q6) Write a Note on (Any Two) :

[10]

- a) Evaluation Methods of Hair Cosmetics.
- b) Utility of Biofuels in day today life.
- c) Methods of Pest Control.
- d) Comment on Antioxidants.

