

1749

B. Pharmacy (Ayurveda) 7th Semester Examination
Pharmacology & Toxicology of Ayurvedic Drugs-II (OS)

Paper-3

Time : 3 Hours

Max. Marks : 90

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

- Note :** (i) Attempt any FIVE questions.
(ii) All questions carry equal marks.

1. (a) Give pharmacotherapy of any THREE
- | | |
|-----------------|-------------------------|
| (i) Pneumonia | (ii) Influenza |
| (iii) Emphysema | (iv) Bronchitis (3×3=9) |
- (b) Define Asthma and classify drugs for treatment of Bronchial Asthma on the basis of their mechanism. (4.5)
- (c) Give aerosol pharmacotherapy of mast cell stabilisers and glucocorticoids in asthma. (4.5)

OR

Define cough and explain role of expectorants and antitussives in treatment of cough citing suitable pharmacological examples. (4.5)

2. Answer any THREE

- (a) Define chemotherapy. Discuss pharmacology and advantages of extended spectrum penicillins.

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- (b) Classify antifungal agents. Discuss pharmacology and toxicity of Griseofulvin.
 - (c) Discuss mechanism of action, uses and toxicity of tetracyclines.
 - (d) Write down treatment of any TWO protozoal diseases
 - (i) Giardiasis (ii) Trichomoniasis (iii) Leishmaniasis
- (6×3=18)

3. Answer any THREE

- (a) Enlist choice of drugs in malignancy and toxicity of cytotoxic agents.
- (b) Give pharmacology of antibiotics: Mitoxantrone, Bleomycin and Mithramycin.
- (c) Write down mechanism of helper T cell inhibitors in detail.
- (d) Discuss detailed pharmacological uses and related toxicity of Glucocorticoids. (6×3=18)

4. Attempt any TWO

- (a) Classify immunomodulators along with their site of action on various stages in immune response.
- (b) Enlist therapeutic uses and toxicity of cytokines.
- (c) Discuss uses of Immunosuppressive therapy. (9×2=18)

5. Attempt any TWO

- (a) Mention name of Iron and Folic acid preparations used in anemias.
- (b) Describe therapeutic uses of anticoagulant, thrombolytic and antiplatelet drugs citing suitable examples.

- (c) Give a short note on any TWO:
 - (i) NSAIDs in Inflammation.
 - (ii) Pharmacology of drugs for Rheumatoid Arthritis.
 - (iii) Role of Fabric acid derivatives in Dyslipidemia.
- (9×2=18)

6. Give a short note on any THREE

- (a) Theophylline toxicity OR specific adverse reactions of antitubercular drugs.
- (b) Pharmacology of macrolide antibiotics OR Amphotericin-B.
- (c) Pharmacology of Protamine sulfate.
- (d) Imidazoles and Triazoles in Mycosis. (6×3=18)