

16444(D) - 0 DEC 2016

B. Pharmacy (Ayur.) 7th Semester Examination
Pharmacology & Toxicology of Ayurveda Drugs-II (NS)
BPA-723

Time : 3 Hours

Max. Marks : 70

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 : Question no. 1 is compulsory and candidates are required to attempt any five question out of remaining six questions.

1. Question no. 1 consists of the following 10 parts:
 - (a) Differentiate between cardio-tonic and cardiac stimulant.
 - (b) Define Angina pectoris.
 - (c) Differentiate between expectorant and anti-tussive.
 - (d) Write down mechanism of action of Statin with one example
 - (e) Write down two examples of Glucocorticoids.
 - (f) Define narrow therapeutic index with example.
 - (g) What do you mean by sympathomimetics? Name the longer acting sympathomimetic drug.
 - (h) Enlist respiratory tract disorders.
 - (i) Define pro-arrhythmic drugs with their two examples.
 - (j) Why β blocker is contraindicated in treatment of Asthma? Explain it. (10×2=20)

2. Give Pharmacological role & Toxicities of ANY TWO:
 - (i) NSAIDs
 - (ii) Theophylline
 - (iii) Methotrexate (5×2=10)
3. Describe the pharmacological role of ANY TWO:
 - (i) Nitrates in Angina pectoris.
 - (ii) β blockers in treatment of cardiovascular system.
 - (iii) Immunosuppressant in immunomodulation. (5×2=10)
4. Define cardiac failure. Discuss pharmacology, use and toxicities of Digoxin Cardiac glycoside. (10)
5. Classify Immunomodulators along with their site of action on various stages in immune response and discuss their clinical significance. (10)
6. Define Hypertension. Classify antihypertensive drugs on the basis of their mechanism of action. (10)
7. Define Bronchial Asthma and write down its pharmacotherapy. (10)