

[Total No. of Questions - 7] [Total No. of Printed Pages - 2]
(2066)

16332(J) June-16

B. Pharmacy (Ayurveda) 6th Semester Examination
Pharmacology & Toxicology of Ayurvedic Drugs-I (NS)

BPA-622

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 : Seven questions are there in the question paper, question one is compulsory and candidates are required to attempt any five questions out of remaining six.

1. Write short notes on:

- (a) What is the bioavailability?
- (b) "First Pass Effect" is seen with which route of administration?
- (c) Which drug is not metabolized by liver?
- (d) Which drug does not cross the Placental barrier?
- (e) What is the biotransformation?
- (f) What inhibits cyt-P-450?
- (g) What is Hofmann elimination?
- (h) Give three examples of pro drug.
- (i) Write the definition of Pharmacokinetics.
- (j) Agonist has affinity for which receptor? (10×2=20)

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2. What is the role of Pharmacology in the field of Ayurved? (10)
3. What is Pharmacodynamics? Explain the efficacy alongwith drug receptor binding and agonism? (10)
4. What is therapeutic index and therapeutic window? (10)
5. Explain in detail the drug interaction. (10)
6. Explain the Pathophysiology of peptic ulcer and give the example of the drugs used for peptic ulcer. (10)
7. Write down the Purgative drugs and explain their functions. (10)

[P.T.O.]