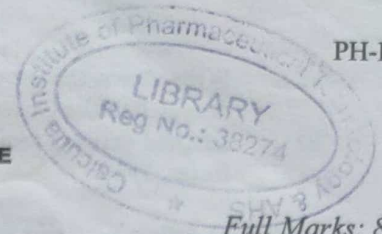


May 2015

PH-II/4

PHARMACEUTICAL JURISPRUDENCE



Time Allowed: 3 Hours

Full Marks: 80

Answer any five questions.

1. A. Complete the following sentences: 10x1
- a) The life period of drug are mentioned in schedule _____.
 - b) Education Regulation is prepared and imposed by _____.
 - c) A drug when an imitation or substitute of another drug is termed as _____.
 - d) Licensed premises for the sale of drugs which require the services of a "qualified person" and where drugs are compounded are termed as _____.
 - e) The drugs intended for distribution to the medical profession as free sample must bear the label _____.
 - f) Application for grant of licence to sell stock or exhibit for sale or distribute for drugs included in Schedule-X is made in form no. _____.
 - g) In Pharmacy Council of India there are _____ ex-officio member.
 - h) Poison's Act was enacted in the year _____.
 - i) Insulin injection comes under schedule _____.
 - j) Narcotic and Psychotropic drugs are included in schedule _____.
- B. State whether the following statements are correct or wrong: 6x1
- a) The ethics for Pharmacist are prescribed by W.H.O.
 - b) The Drugs & Cosmetic Act was enacted in 1945.
 - c) Schedule J is a list of some diseases.
 - d) Schedule P relates to black disinfectant fluid.
 - e) Schedule H is a list of prescription drugs.
 - f) Poisons Act was enacted in 1919.
2. a) What is the object of Pharmacy Act, 1948?
b) Discuss the constitution of State Pharmacy Council, as per Pharmacy Act.
c) Mention at least two main functions of State Pharmacy Council. 2+10+4
3. a) Define "Magic Remedy" as per Drugs and Magic Remedies Act, 1954.
b) Discuss classes of advertisement exempted as per above Act. 3+13
4. a) In what conditions pregnancy may be terminated as per M.T.P. Act, 1971.
b) What should be the age of mother and duration of pregnancy for termination of pregnancy as per M.T.P. Act?
c) Describe 'Bonded Manufactory' as per Medicinal and Toilet Preparation Act, 1955. 7+5+4

Oct 1940 & 8+8
4x4 &

May 2015

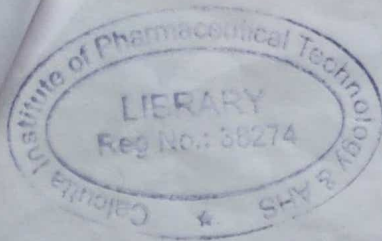
HOSPITAL AND CLINICAL PHARMACY

Time Allowed: 3 Hours

Full Marks: 80

Answer any five questions.

1. Define any eight of the following: 8x2=16
- | | |
|--|--|
| <input checked="" type="checkbox"/> a) Drug abuse | <input checked="" type="checkbox"/> b) Patient Counselling |
| <input checked="" type="checkbox"/> c) Systemic antidotes | <input checked="" type="checkbox"/> d) Bed side Pharmacy |
| <input checked="" type="checkbox"/> e) Mutagenicity | <input checked="" type="checkbox"/> f) Patient compliance |
| <input checked="" type="checkbox"/> g) Drug information bulletin | <input checked="" type="checkbox"/> h) Thrombocytopenia |
| <input checked="" type="checkbox"/> i) Clinical Pharmacy | <input type="checkbox"/> j) Hospital formulary |
2. a) Discuss the pathophysiology and symptoms of any two of the following:
- i) Hepatitis
- a.ii) Congestive Heart Failure
- a.iii) Epilepsy
- b) How will you treat a case of narcotic poisoning? (2x6½)+3
3. Define Hospital Pharmacy. Write in short about location and lay-out of Hospital Pharmacy. Write in brief about the health care delivery system in India. 2+8+6
4. Write short notes on any two of the following: 2x8
- a) Drug Dependence
- b) Surgical Instruments
- c) Central Sterile Services
5. Define Pharmacy Therapeutic Committee. Write the composition and function of it. Write in brief the Drug Distribution system in Hospitals. 2+8+6
6. a) Define drug interaction and Adverse drug reaction with example.
- b) Mention the mechanism and clinical significance of the following drug combinations (any four):
- i) Antacids – Ciprofloxacin
- ii) Salicylates – Methotrexate
- iii) Erythromycin – Theophylline
- iv) Spironolactone – Potassium Chloride
- v) Rifampicin – Oral contraceptives
- 4+(4x3)
7. Give the clinical significance of any four of the following: 4x4
- a) Serum creatinine
- b) SGOT
- c) Blood Cholesterol
- d) E.S.R.
- e) Sputum Examination
8. Discuss briefly any two of the following: 2x8
- a) Factors affecting Bioavailability of drugs
- b) Teratogenicity
- c) Drug-food interaction
- d) Computer application in Hospital Pharmacy



May 2015

PH-II/3

PHARMACOLOGY AND TOXICOLOGY

Time Allowed: 3 Hours

Full Marks: 80

Answer any five questions.

1. Justify the statement whether it is true or false (any eight): 2x8
 - a) Acetyl choline is used in therapeutics.
 - b) Neostigmine is the drug of choice in myasthenia gravis.
 - c) Adrenaline is added to injection of local anesthetics.
 - d) Morphine is strictly contraindicated in brain injury.
 - e) Reserpine is prescribed for immediate quietening of maniac patient.
 - f) Eating of cheese is advised with MAO-Inhibitor.
 - g) Sulphamethoxazole is combined with trimethoprim.
 - h) Toxicity of digitalis is increased by chlorothiazide.
 - i) Aluminium hydroxide is combined with magnesium oxide.
 - j) Use of purgative is essential with piperazine.

2. Define the following: 1½x12=16

a) Placebo	b) Bioavailability
c) Tachyphylaxis	d) Synergism
e) Idiosyncrasy	f) Gynaecomastia
g) Dystrophy	h) Embolism
i) Cryptorchism	j) Anaphylaxis
k) Anorexia	l) Sedative

3. Write notes on: 4x4

(a) Absorption of drugs, (b) Distribution of drugs, (c) Routes of drug administration, (d) Excretion of drugs.

4. Write down the following: 4x4

(a) Mention the adverse effects of Cancer Chemotherapy, (b) Chemotherapy of Tuberculosis, (c) Preanaesthetic medication, (d) Chemotherapy of Malaria.

5. Write down the treatment of the following: 4x4

(a) Treatment of organo-phosphorus compound poisoning, (b) Treatment of barbiturate poisoning, (c) Treatment of over digitalization, (d) Treatment of Glaucoma.

6. Mention the mechanism of drug action of the following: 8x2

a) Alpha methyl dopa	b) Captopril
c) Tetracycline	d) Chloramphenicol
e) Glipizide	f) Dicoumarol
g) Acetazolamide	h) Isosorbide

7. Define Bronchial Asthma. Classify the drugs used in the treatment of Bronchial Asthma Illustrate Alpha Adrenergic blocking agents and Beta Adrenergic blocking agents with example. What is the full form of E.A.C.A. - 2+6+3+3+2

8. Write notes on (any two): 2x8

(a) Oral contraceptives, (b) Haemostatics, (c) Purgatives.