

Programme: D. Pharm
Subject: Hospital & Clinical Pharmacy
Subject Code: 2BD206
Enrollment No: _____

Full Marks: 80
Time: 3Hrs.

Section I

1. Objective type questions. Answer all questions.

1 x 20 =20

- i. Vitamin B3 is also known as-
a. Niacin b. Pyridoxine c. Cynocobalamine d. Thiamine
- ii. The absorption rate is faster for-
a. Capsule b. Tablet c. Coated tablet d. Solution
- iii. Rheumatoid arthritis is a chronic disease manifested primarily by-
a. Thickening of arterial walls b. Inflammation c. Imbalance of oxygen d. Rise of BP
- iv. Pyrogen testing is done in which animal?
a. Horses b. Dogs c. Rabbits d. Rats
- v. Synonym of busulphan is-
a. Cytosan b. Endoxan c. Myleran d. Belo
- vi. Secondary hypertension occurs due to-
a. Obesity b. Kidney impairment c. cigarette smoking d. increase in blood cholesterol
- vii. An ophthalmic solution is sterilized by-
a. Autoclaving b. Sterilization by filtration c. Gaseous sterilization d. Dry heat sterilization
- viii. Rifampicin and isoniazid is used for-
a. Tuberculosis b. Leprosy c. Helminthic d. Fungal disease
- ix. Drugs that contraindicated in pregnancy-
a. Paracetamol b. Indomethacin c. Allopurinol d. Colchicine
- x. Abnormal constituent in jaundice is-
a. Sugar b. Protein c. Bilirubin d. Lipid
- xi. Disulfiram is used for the treatment of alcoholism because of the following reasons exceptone:
a. Disulfiram is a cephalosporin antibiotics
b. Disulfiram is an inhibition of aldehyde dehydrogenase
c. Disulfiram results in accumulation of excessive quantities of acetaldehyde
d. Disulfiram causes unpleasant side effects in alcoholic.
- xii. In the prescription blank the medication prescribed is called as
a. Superscription b. Inscription c. Subscription d. Sigma
- xiii. All of the following considered in the diagnosis of diabetes mellitus except:
a. Polyuria b. Blurred Vision c. Weight gain d. Weight loss
- xiv. Adverse drug reaction may results from:
a. Drug's active ingredient c. Additives in dosage forms
b. Impurities in dosage forms d. All of these
- xv. According to 'Food Drug Administration an adverse drug reaction is a:
a. Untoward effect resulting from medication errors
b. Unintended effects resulting from drug abuse
c. Noxious effects resulting from doses used for prophylaxis, diagnosis and therapy
d. Undesired effect resulting from bioavailability problems or non-compliance

- xvi. Apnea is a term related to-
- | | |
|-----------------------------|--------------------------------------|
| a. Pain in Joints | b. Falling of hair |
| c. Abnormal rhythm of heart | d. Transitory cessation of breathing |
- xvii. Minimum qualification of hospital pharmacist is
- | | | | |
|-----------------------|---------|-------------|-------------|
| a. Ph. D in chemistry | b. MBBS | c. D. Pharm | d. Nursing. |
|-----------------------|---------|-------------|-------------|
- xviii. Hospital pharmacist provides in service education and _____ information to all healthprofessional
- | | | | |
|---------|-----------|-------------|------------|
| a. Drug | b. Market | c. Hospital | d. Patient |
|---------|-----------|-------------|------------|
- xix. The nutrient medium must be _____
- | | | | |
|----------------|------------|-------------------|---------------------|
| b. Non sterile | b. Sterile | c. microbial free | d. Diluted solution |
|----------------|------------|-------------------|---------------------|
- xx. Pyrogen are metabolic products of _____
- | | | | |
|----------------------------------|-----------|------------|----------|
| a. Living or dead micro-organism | b. Plants | c. Animals | d. Virus |
|----------------------------------|-----------|------------|----------|

Section II

2. Short Answer type questions. Answer any four.

4 x 5 = 20

- a. How the dispensing of charged floor stock is carried out? Write any two advantages and disadvantages of complete floor stock system.
- b. Give requirements and least technical abilities of hospital pharmacist.
- c. Write pathophysiology, signs and symptoms of 'Hypertension' or 'Rheumatoid'.
- d. Differentiate between psychological drug dependence and physical drug dependence.
- e. Define Drug Interaction. Discuss any two drug-food interaction with examples.
- f. Explain physiological factors affecting bioavailability

Section III

Long Answer type questions. Answer any four.

4 x 10 = 40

3. Write pathophysiology of heart attack. Write the clinical manifestations of it.
4. a. Explain teratogenicity and Idiosyncrasy.
b. What are the various reasons for ADR?
5. Define outpatient. Explain the Receipt and Issue system to outpatient
6. a. Discuss economic factors governing manufacture and purchase decision in production in Hospital pharmacy.
b. What is the role of nursing department in hospitals?
7. a. Discuss factors affecting 'Make or Buy' decision
b. Discuss floor stock distribution system in hospital
8. What is patient compliance? Which instructions should be given by pharmacist to patient to improve compliance?
