

PARUL UNIVERSITY
FACULTY OF PHARMACY

D. Pharm. Summer – 2022 -23 Examination

Year : 2

Subject Code: ER20-25T

Subject Name: Hospital & Clinical Pharmacy- Theory

Date: 05/04/2023

Time: 2:00pm to 5:00pm

Total Marks: 80

Instructions:

1. Figures to the right indicate maximum marks.
2. Make suitable assumptions wherever necessary.

Q.1 Multiple Choice Questions (MCQs) (1 Mark Each)

(20)

1. The pharmacy and therapeutics committee plays dual role of _____ and _____ concept.

(A) Procurement of drug, dispensing of drug	(B) Selection, training
(C) Selection of drug, dispensing of drug	(D) Advisory, Education
2. Secretary of PTC is

(A) Physician	(B) Pharmacist
(C) Nurse	(D) Administrator
3. Following points are considered to ensure drug safety by PTC except

(A) Adequacy of hospital pharmacy manpower	(B) Regulation of dangerous drugs
(C) Flow to outpatient department	(D) Separation of poisonous and non-poisonous substances.
4. Hospital formulary is

(A) List of selected drugs or preparation in Hospital	(B) List of all investigational drugs or preparations that are used by medical staff
(C) List of all items in the hospital	(D) None of the above
5. Objective of Infection Control Committee is:

(A) To understand the causes of nosocomial infection and basic infection control	(B) To provides instructions to hospital staff to control the infection.
(C) To provides a way in selection of established and rational methods to control the infection.	(D) All of the above
6. Which statements regarding bed side pharmacy are true?

(A) in this the medicines are stocked on the floor	(B) in this the medicines are provided to patient on their bed-side
(C) in this system patient can self-utilize the drug	(D) both B & C
7. Full form of CSD?

(A) Center social dispensing	(B) center sterile department
(C) central supply dispensed	(D) none of the above
8. Patient who occupies space in hospital is

(A) outpatient	(B) inpatient
(C) operational patient	(D) none of the above
9. Following is the reason behind the growth of outpatient services

(A) The need of health community	(B) the deficiency of medical practioners in some areas
(C) to conduct teaching programmers as per the need of the hospital	(D) all of these
10. Prescription is dispensed by the

(A) Pharmacist	(B) doctor
(C) physician	(D) patient
11. This is the reason why pharmaceutical compounding is an integral part of pharmacy practice:

(A) It prepares, mixes and assembles packaging and labelling of a drug product	(B) Essential component of healthcare
(C) It lowers market price of branded medications	(D) Provides out of stock medications

12. Which of the following is incorrect on how to use digital balances?
 (A) Add the material to be weighed until the correct weight is displayed
 (B) Add the material to be weighed until the correct weight is displayed
 (C) Make sure the balance arm can move freely
 (D) Place a piece of paper on the pan
13. One of the following is a reason for compounding:
 (A) To maximize strength of medication
 (B) To colour medicine for a patient
 (C) To reformulate the drug to include an unwanted ingredient
 (D) To discover new medicine for external use
14. Trituration means:
 (A) The technique of carrying out mixing material
 (B) The technique of mixing gaseous materials
 (C) The technique of mixing semi-solid materials
 (D) The technique of mixing semi-solid materials
15. Clinical Pharmacy is concerned with _____
 (A) biomedical
 (B) A & C both
 (C) pharmaceutical science
 (D) none
16. Drug information service serves _____
 (A) drug information
 (B) A & C both
 (C) poison information
 (D) None
17. Secondary Sources for DIS is _____
 (A) review article
 (B) A & C both
 (C) Thesis
 (D) none
18. ADR full form _____
 (A) Adverse drug reaction
 (B) Both
 (C) Adult Dose Relation
 (D) None
19. Computer Software's for pharmacy
 (A) JAVA
 (B) PNI
 (C) MEDLINE
 (D) B and C both
20. Target protein interact with _____
 (A) target molecule
 (B) A and C both
 (C) Linker
 (D) None

Q.2 Long Answers (any 8 out of 10) (05 Mark Each)

(40)

1. Write a note role of pharmacist in preventing Antimicrobial resistance.
2. Write a note on distribution of drugs to ICU/ICCU/NICU/Emergency wards.
3. Describe a short definition & classification of hospital.
4. Describe a short professional responsibilities of hospital pharmacist.
5. What is recorder quantity? Describe the procedure for procurement of materials in hospital.
6. Enlist advantages & disadvantages of radiopharmaceuticals.
7. Describe the dispensing of radiopharmaceuticals.
8. Give applications of computer in pharmacy.
9. Write a note on scope of pharmacovigilance.
10. Write down role of compounding in hospitals

Q.3 Short Answers (2 Mark Each){ Answer any 10}

(20)

1. What are the functions of PTC?
2. Write the guiding principles while using Hospital Formulary.
3. What is infection control committee? Write its composition and objective.
4. What is satellite pharmacy?
5. Write a short note on location and layout of OPD.
6. Explain the storage of narcotics and psychotropic substances
7. What do you mean by e-prescription?
8. What do you mean by patient counselling?
9. What are different roles of pharmacovigilance?
10. What is TPN?
11. Role of pharmacist in TPN?
12. Write note on IV admixer services & incompatibilities.