

## HOSPITAL PHARMACY QUESTION BANK

D.Pharm. 2<sup>nd</sup> year, JCGP 2020

(1) a) Define hospital. Classify hospitals according to its various parameters (2+6)

b) Briefly write about the important functions of a hospital.( 7)

(2) a) ) Write about the composition of the governing body of a hospital and its function and importance ( 6)

b) What are the different systems of medical staff serving a hospital? Classify them stating their functions and relevance to the hospital (6)

c) Define the term ward pharmacy and elaborate its importance in modern hospitals. (4)

(3) a) Write about the various clinical departments present in a hospital and their importance.( 4)

b) Write short notes on outdoor & indoor patient services in a hospitals. 4

c) Write short notes on satellite pharmacy (5)

d) Write the full form of the terms - NICU, ITU, MRI.

(1X3)

(4) a) What is the importance of central sterile supply service in a hospital? Write its objectives and functions (10)

b) Write briefly about the significance of emergency dept of a hospital.(6)

5) a) Write about the importance of nursing service in a hospital. Elaborate why specialized nursing services for various clinical departments are important.(8)

b) Write about the organizational structure of a hospital in a flow chart form.( 4)

c) Write the importance of the medical records dept in a hospital.( 4)

(6) a) Write about the hospital pharmacy dept of a hospital enumerating its functions, within a hospital . (8)

b) Do you think it is useful to have basic formulation manufacturing facilities within a hospital? Justify your answer, with proper examples.(8)

7 a) Write the minimum requirements of running a pharmacy within a hospital. Under what schedule is it mentioned in the D&C act? ( 8)

b) What are the functions of the Chief hospital pharmacist in the hospital? What qualification and skills should he preferably possess for smooth functioning of Hospital Pharmacy services in a hospital? (8)

(8) (a) What are the different drug distribution systems prevalent in hospitals? Name them.(4)

(b) Write about the floor stock system of drug distribution, stating briefly its advantages and disadvantages. (8)

(c) Write about the advantages of the UDDDS in hospital?( 4)

(9) (a) Write a comparative note on the inpatient individual prescription order system and the unit dose drug dispensing system in hospitals . ( 8)

(b) What are charge and noncharge floor stock drugs? Who decides the drugs to be placed in each category? What are the criteria to select them? (8)

(10)(a) What are the basic principles involved in maintaining inventory of the medicines and other related supplies in a hospital? (6)

(b) Write briefly about the different purchasing models and tender procedures that a hospital can follow to purchase drugs & medical supplies. (10)

(11) (a) What is meant by Rational use of drugs? How can it be practised in a hospital setting and with what tools? (8)

(b) What are the various means, by which pharmacists via PTC can give cost effective therapy to hospital patients? (8)

12) a) What is the importance of patient counselling in a hospital setting? What are its expected outcomes? What are the various methods of patient counselling? (10)

(b) What is "medication history" of a patient? What is its importance? Enumerate with examples. (6)

13) a) What is Bioequivalence? Define therapeutic index and half life of a drug. (6)

b) Write the advantages of having bioequivalent formulations and generic formulations in hospitals. (6)

c) What is meant by "tailored formulation" or "custom designed formulation"? What is its importance in a hospital? Give examples. (4)

14) a) Define the term Pharmacoeconomics. Why is it important in a hospital setting? What, in your opinion can be the deciding factors of pharmacoeconomics in a hospital? (8)

(b) What is meant by patient non compliance? What are the various factors leading to non compliance and what are its consequences? (8)

(15) a) What is meant by Pharmacovigilance? Where in India are PV centres located in India? (6)

b) Describe the term prescription audit and its importance in OPD and IPD patients. Give examples of how the audit can prevent drug interactions. (10)

16 (a) What is a Central Sterile Supply Division in a hospital? (3)

(b) What are the suitable sterilization methods for i) scalpels and scissors ii) Dextrose saline infusion iii) Eye ointment (6)

c) Name the various Bioindicators for moist heat, dry heat sterilization, UV ray and Gamma ray sterilization, Ethylene Oxide sterilization. (7)

(15) (a) Write about the different types of glasses used in parenteral packaging, with their specifications. (6)

(b) Write short notes on membrane filters. (4)

(c) Write about the importance of quality control and quality assurance functions in a hospital. (6)

(16) a) Write about the importance of hospital formulary in a hospital. Mention who prepares it and what is its content. (10)

b) Do you feel cost effective therapy can be provided in hospitals using formularies? Justify your answer. (6)

17) a) What is the Pharmacy and Therapeutics committee ? Write about its composition.(6)

(b) What is the importance of pharmacist in the PTC? (3)

(c) Write the different functions of PTC in a hospital setting.( 7)

18) a) What is the importance of having a drug information centre in a hospital? Name some important DIC s located in india. (6)

(b) What is a drug information bulletin? What can be its contents? What is its significance in a hospital? Who can prepare it? (10)

19) a) What are the different sources of drug information or literature ? Classify them with examples.(8)

b) Write short notes on various types of elastic bandages (8)

(20) a) Write short notes on various types of nonabsorbable sutures (8)

b) Write briefly about the Pharmacopoeial standards for absorbent cotton wool IP (8)

21) a) Write short notes on the importance of using computers in a hospital setting.(8)

b) Prepare a IPD patient profile of a hospital, of any clinical department. (8)

## **NOTE**

Students are advised to solve the question bank and note down the doubts. Please refer to books by Dandiya –Mathur, Nand- Khar for hospital part. Use notes as given in classes pre-lockdown. The problems of all 2<sup>nd</sup> year students will be addressed in due time. You will be informed how to contact your subject teacher. Short questions to follow.

Clinical pharmacy questions will be uploaded shortly.

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