



Hospital & Clinical Pharmacy

22223

3 Hours/ 80 Marks

20225

Seat No. _____

Instructions - (1) All Questions are Compulsory

(2) Answer each next main Question on a new page.

(3) Illustrate your answers with neat sketches whenever necessary

(3) Figures to the right indicate full marks.

(4) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

(5) In case student has attempted sub-question of Question No. 3 more than once, only first attempt should be considered for assessment.

1. Attempt any SIX of the following:

30 Marks

- Write a note on "FIP Based Statement" on the future of hospital pharmacy.
- What is inventory control? Enlist different techniques of inventory control. Explain "Economic Order Quantity" method.
- Discuss in detail about floor stock dispensing system with its advantages and disadvantages
- Enlist daily activities of clinical pharmacist. Describe interprofessional collaboration including definition, procedure and its benefits.
- Enlist any five hematological tests with its normal values and significance.
- Define poison. Classify poisons with suitable examples.
- What is medication error? Give its types with strategies for prevention of medication error.

2. Attempt any TEN of the following:

30 Marks

- Define "Good Pharmacy Practices" Give requirements of good pharmacy practices (GPP).
- Describe the role of pharmacist in preventing antimicrobial resistance.
- Give the various functions of pharmacy and therapeutic committee.
- Explain in detail FIFO and FEFO method with its advantages and disadvantages.
- Explain in short various disposal methods used for pharmaceutical wastes.
- Comment of Automated Drug Dispensing System™.

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- g) Write a note on total parenteral nutrition including its definition, content and indications for use.
- h) Define radiopharmaceuticals. Give various methods of disposal of radiopharmaceuticals.
- i) What is Electronic Health Record"? Give it's benefits.
- j) What is Pharmaceutical Care? Describe it's elements.
- k) What are LASA Drugs Give the importance of listing of LASA Drugs.

3. Attempt ALL questions:

20 Marks

a) Give the longform of NABH.

b) For hospitals with bed strength 300, number of pharmacist requirement is ____.

- i) 3 ii) 10 iii) 5 iv) 8

c) _____ number of copies of purchase order are prepared.

d) Define High Risk drugs.

e) Which method is not suitable for cytotoxic drug disposal.

- i) Return to the supplier ii) Waste encapsulation
- iii) Medium temperature incineration iv) High temperature incineration

f) Define Ambulatory patient.

g) Define Bulk compounding.

h) What does GRP stand for?

i) Define clinical pharmacy.

j) Give english translation for following Latin terms

- i) Pulvis ii) Auristillae

k) Dictionaries and encyclopedias are _____ sources of Drug Information.

l) _____ are the pastes with a base of Kaolin and Glycerine for external applicati warm conditions.

m) Lower levels of serum TSH indicates _____.

n) Spirometry test is performed to assess the disease associated with which organ?

o) Normal blood sugar level is mg%.

p) Bilirubin increases in

- i) Hemolytic jaundice ii) Cholestatic jaundice
- iii) Obstructive jaundice iv) All of the above

q) Antidote for organophosphorous compound poisoning is -

- i) BAL ii) Atropine
- iii) EDTA iv) Physostigmine

r) Define anti-natal care.

s) Define pharmacovigilance.

t) Post marketing surveillance of medicine is the function of -


- i) DIC
- ii) ADR monitoring centers
- iii) National pharmacovigilance centers





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iv) All of the above



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