

# **Hospital & Clinical Pharmacy**

22223 3 Hours/ 80 Marks

Seat No. \_\_\_\_\_

20225

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:

a) Write a note on "FIP Based Statement" on the future of hospital pharmacy.

b) What is inventory control? Enlist different techniques of inventory control. Explain "Economic Order Quantity" method.

c) Discuss in detail about floor stock dispensing system with it's advantages and disadvantages

d) Enlist daily activities of clinical pharmacist. Describe interprofessional collaboration including definition, procedure and its benefits.

e) Enlist any five hematological tests with its normal values and significance.

f) Define poison. Classify poisons with suitable examples.

g) What is medication error? Give it's types with strategies for prevention of medication error.

## 2. Attempt any TEN of the following:

## 30 Marks

a) Define "Good Pharmacy Practices" Give requirements of good pharmacy practices (GPP).

b) Describe the role of pharmacist in preventing antimicrobial resistance.

c) Give the various functions of pharmacy and therapeutic committee.

d) Explain in detail FIFO and FEFO method with it's advantages and disadvantages.

e) Explain in short various disposal methods used for pharmaceutical wastes.

f) Comment of Automated Drug Dispensing System<sup>™</sup>.

#### 30 Marks

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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.

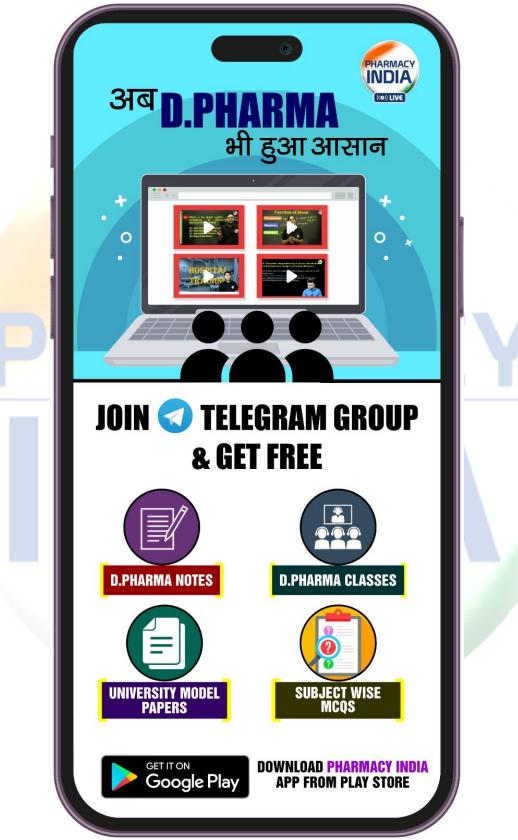
k) What are LASA Drugs Give the importance of listing of LASA Drugs.

#### 3. Attempt ALL questions:

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) <mark>number of copies of purchase</mark> order are prepared.	
d) Def <mark>ine High Risk drugs.</mark>	
e) W <mark>hich method is not suit</mark> able for cytotoxic drug disposal.	
i) R <mark>eturn to the supplier</mark> ii) W	Vaste encapsulation
iii <mark>) Medium temperature</mark> incineration iv) H	ligh temperature incineration
f <mark>) Define Am</mark> bulatory patient.	
g <mark>) Defi</mark> ne Bulk compounding.	
<mark>h) Wh</mark> at 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) Cholesta	tic 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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