

ASTU (04.06.2015)

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PY 132207

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B. Pharm 2nd Semester End-Term Examination

HOSPITAL PHARMACY

Full Marks – 100 Pass Marks – 35 Time – Three hours

The figures in the margin indicate full marks for the questions.

1. Write short answers on any *ten* of the following :

2×10=20

(a) Enlist the objectives of Hospital Pharmacy.

(b) Define 'Buffer Stock'. Write the formula to calculate buffer stock.

(c) Cold storage condition refers to while cool storage is storing the drugs at

(d) Define 'Pharmacy and Therapeutic Committee.

(e) Give an organizational chart of a typical hospital pharmacy services.

(f) What is 'Hospital Formulary' ?

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(g) What is 'Central Sterile Supply Department' (CSSD) ?

(h) Define 'Synergism'.

(i) Define Patient Medication Profile.

(j) What do you understand by 'VED analysis' in inventory control ?

(k) Define 'catheters'. Classify it.

(l) With suitable examples, classify sources of drug information.

2. Briefly answer any *ten* of the following questions :

$3 \times 10 = 30$

(a) With the help of a flow-chart diagram, classify hospitals.

(b) Briefly discuss the functions of a modern hospital.

(c) Enlist the advantages of 'Unit Dose Dispensing system'.

(d) What are the factors affecting the decision to start hospital manufacturing ?

(e) Mention the guiding principles for preparing 'hospital formulary'.

(f) Discuss the 'moist heat sterilization' method.

(g) What is drug interaction ? Classify drug interactions.

(h) With the help of a schematic diagram, briefly discuss the layout of a typical hospital pharmacy.

(i) Classify drug interactions.

(j) Write a note on 'Master Formula Card'.

(k) Briefly discuss the aqueous vehicles used in the manufacturing of parenteral preparations.

(l) Discuss 'Bin-card' method of storage of pharmaceuticals in drug stores.

3. Descriptive type questions. Answer any *ten* :

$5 \times 10 = 50$

(a) Discuss the roles of Pharmacy and Therapeutic Committee.

(b) What is 'medication error' ? What are the reasons behind medication errors ? How medication errors can be prevented ?

(c) Enumerate the application of computers in modern hospital pharmacy.

- (d) Write short notes on :
- (i) Absorbent cotton
 - (ii) Forceps.
- (e) Describe the 'Complete Floor Stock System' for drug distribution in hospital.
- (f) Write in details about the content of hospital formulary.
- (g) With the help of a flow-chart diagram, classify sterilization methods. Discuss any one of these methods elaborately.
- (h) Classify surgical dressings with suitable examples.
- (i) Discuss the manufacturing control of LVPs and SVPs in hospital pharmacy.
- (j) With the help of flow-chart diagram, discuss the drug distribution to out-door patients.
- (k) What is Unit Dose Dispensing ? What are the advantages and disadvantages of Unit Dose Dispensing ? Classify Unit Dose Dispensing.
- (l) Briefly discuss the personnel requirements in a hospital pharmacy.

