

UKA TARSADIA UNIVERSITY

B.Pharm. (6th Semester)

Subject :030020605-Hospital Pharmacy

Time : **10 am to 1 pm**

Duration : 3 Hours

Date : **29/05/2014**

Max. Marks : 70.

Instructions:

1. Attempt all questions.
2. Write each section in a separate answer book.
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks allocated to that question.
5. Draw diagrams/figures whenever necessary.

SECTION - 1

Q-1 (A) Do as directed.

[07]

- I) Define hospitals.
- II) How many pharmacists are required for hospital with 50 beds and 200 beds?
- III) Define hospital formulary.
- IV) What is drug information bulletin?
- V) Draw flow chart of material in hospital.
- VI) Enlist three types of drug distribution system.
- VII) What is unit dose dispensing?

Q-1 (B) Answer the following in brief. (Any 4)

[08]

- I) Give detail classification of various types of hospitals.
- II) Give advantages and disadvantages of complete floor stock system.
- III) Explain in brief drug basket system.
- IV) Write various applications of computer in drug information services.
- V) Write a note on preparation of formulary.
- VI) Explain functions of hospital formulary.

Q-2 Answer the following.

[10]

- A) Discuss in detail medication error.

OR

- A) Explain charging policy in hospital.
B) Give advantages and disadvantages of unit dose system.

OR

- B) Discuss importance of drug information services.

Q-3 Answer the following in detail. (Any 2)

[10]

- A) Discuss dispensing of drugs to Ambulatory patients.
- B) Explain decentralised unit dose dispensing.
- C) Write a note on methods adopted for Out-patient dispensing.

SECTION - 2

Q-4 (A) Do as directed.

[07]

- I) Give composition of pharmacy and therapeutic committee.
- II) How will you calculate maximum permissible dose of radiation according to age above 18 years?

III) Define clean room.

IV) What are HEPA filters?

V) What are common non sterile formulations you want to have in your hospital pharmacy?

VI) What do you mean by buffer stock?

VII) What do you mean by tagging of radio pharmacy?

Q-4 (B) Answer the following in brief. (Any 4)

[08]

I) Write role of PTC in drug safety.

II) Explain ABC analysis.

III) Explain VED analysis.

IV) Explain Tyndallisation technique.

V) Write uses of radio pharmaceuticals.

VI) Explain radiation dosimetry.

Q-5 Answer the following.

[10]

A) Explain budget preparation of inventory in a hospital.

OR

A) Explain types of containers used for packing parenteral products.

B) Explain moist heat sterilization.

OR

B) Explain chemical methods for sterilization.

Q-6 Answer the following in detail. (Any 2)

[10]

A) Enlist method of production of radio pharmaceuticals and explain any one in detail.

B) Give functions of PTC.

C) Write a note on master formula card.