

F/2013/1954

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**DIPLOMA IN PHARMACY (FINAL YEAR)**  
**HOSPITAL AND CLINICAL PHARMACY**  
(204)

**Time : Three Hours****Maximum Marks : 80**

**Note :** (i) Attempt total *six* questions. Question No.1 is compulsory. From the remaining questions attempt any *five*.

(ii) Illustrate your answer with neat sketches wherever necessary.

1. Give normal values and significance of following (any five) 10

- a) Normal pulse rate in adults
- b) Clotting time  $1\frac{1}{2}$
- c) Blood pressure
- d) Hemoglobin  $\frac{1}{2}$
- e) RBC  $\frac{1}{2}$
- f) Platelets  $-1\frac{1}{2}$

2. Solve any four. 14

- a) Describe the organisation of Hospital. (2)

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(2)

- b) Describe the responsibilities of hospital pharmacist for
- i) ~~In patient pharmacy department~~ (1)
  - ii) ~~Out patient pharmacy department~~
- c) ~~Write note on out patient dispensing.~~
- d) ~~Describe pyrogen test and clarity test for evaluation of parenteral solution.~~
- e) ~~Name the equipments required for the manufacture of liquid orals and tablets.~~

3. Solve any four. 14

- a) Name the various tests prescribed in I.P. for testing of drug.
- b) Give the functions of PTC.
- c) What are the abilities required of "Drug information specialist"?
- d) What is CT scan?
- e) What are different tests used for evaluating the quality of surgical cotton?

4. Solve any four. 14

- a) Explain the importance of computer in the inventory control in Hospital. (1)



(4)

- c) ~~Suppository vases~~
- d) ABC analysis
- e) Allergic drug reaction
- f) Antidote used in the treatment of poisoning. (1)

7. Solve any four. 14

- a) Draw and illustrate flow chart of patients in hospital.
- b) Name the different types of forceps used in hospital. How are they sterilized?
- c) Write note on teratogenicity. (1)
- d) Give layout of sterile product area. (2)
- e) What are the advantages of pre packing drugs? (1)

