Name :	
Roll No. :	Co. Parameter State Conference (Strengthered and Excellent)
Invigilator's Signature :	

CS/B.PHARM (NEW)/SEM-8/PT-818/2013

## 2013 HOSPITAL PHARMACY AND CLINICAL PHARMACY

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks. Candidates are required to give their answers in their own words as far as practicable.

## GROUP – A ( Multiple Choice Type Questions )

- 1. Choose the correct alternatives for any *ten* of the following :  $10 \times 1 = 10$ 
  - i) Lead time means
    - a) Time between placing the order and receiving of the drugs
    - b) Time before placing the order
    - c) Time after placing the order
    - d) Time after receiving of the drug.
  - ii) The term drug basket method is used for dispensing of
    - a) charge floor stock drugs
    - b) non-charge floor stock drugs
    - c) unit dose dispensing
    - d) individual prescription system.

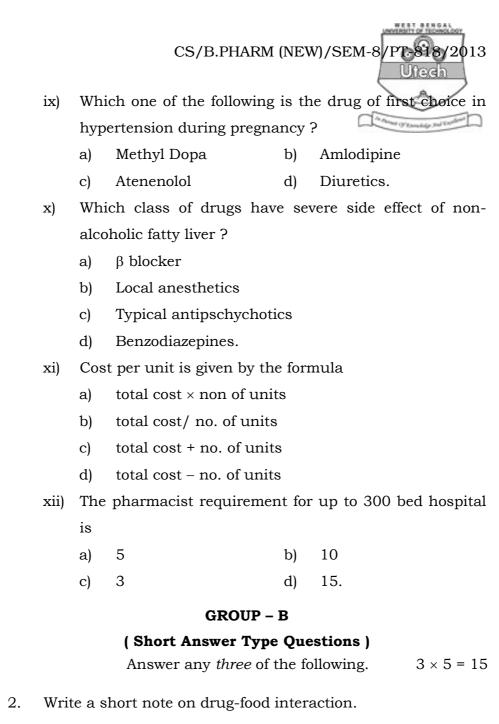
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- iii) Prescription drugs come under
  - a) schedule X b)
    - c) schedule *K* d) all of these.
- iv) The total number of patients in Phase I clinical trial is
  - a) 10-15 b) 200-250
  - c) 20-100 d) 300-350.
- v) The list of pharmaceutical preparations including important information which reflects the current clinical views of the medical staff is called
  - a) PTC b) Hospital formulary
  - c) Inventory control d) None of these.
- vi) Which class of drugs has fatal drug interaction with nitrates ?
  - a) Nitrosourea b) PDE-5 inhibitors
  - c) DPP IV inhibitors d) Barbiturates.
- vii) Large volume parenterals are sterilized by
  - a) Membrane filtration with aseptic filling
  - b) Autoclaving
  - c) Ionizing radiation
  - d) All of these.
- viii) What is the correct sterilization condition in Autoclave ?
  - a)  $115^{\circ}C 20 \text{ lb/sq. inch} 20 \text{ minutes}$
  - b)  $115^{\circ}C 10 \text{ lb/sq. inch} 5 \text{ minutes}$
  - c)  $121^{\circ}$ C 15 lb/sq. inch 15 minutes
  - d) None of these.

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- 3. Define and classify 'Hospital'.
- 4. What are the responsibilities of a hospital pharmacist ?

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- 5. Explain the contents of a Hospital Formulary.
- 6. Write a note about the treatment of ST elevated myocardial infarction.

## GROUP – C ( Long Answer Type Questions )

Answer any *three* of the following.  $3 \times 15 = 45$ 

 Explain the pathophysiology and manifestation of epilepsy. Classify anti-epileptic drugs with examples. Write down the mechanism of action and adverse effects of phenytoin.

5 + 5 + 5

- 8. a) Describe the policy making process for manufacturable items.
  - b) Write in short the manufacturing practice for small and large volume parenterals in hospital. 7 + 8
- 9. What is the normal blood pressure for human ? What do you mean by hypertension ? Classify the drugs used for the hypertension with example. Write the action of thiazide diuretics and ACE inhibitors for the treatment of hypertension ? 1 + 1 + 5 + 4 + 4
- 10. a) Explain in details all the phases of clinical trials.
  - b) What do you mean by Randomised trials, Cross overDesign and Matched pair designs ? 9 + 6
- 11. What is PTC ? Discuss the role of PTC in account of drug safety, ADR and emergency drug. What are the functions of pharmacist in PTC ?

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