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.

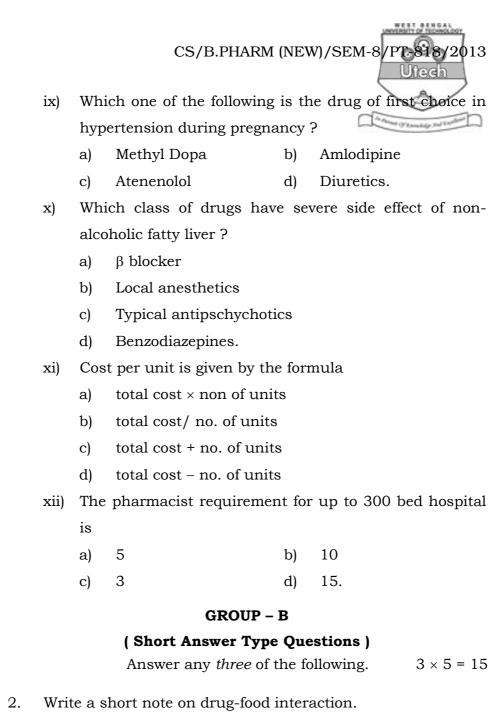
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- iii) Prescription drugs come under
 - a) schedule X b)
 - c) schedule *K* d) all of these.
- iv) The total number of patients in Phase I clinical trial is
 - a) 10-15 b) 200-250
 - c) 20-100 d) 300-350.
- v) The list of pharmaceutical preparations 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° 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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