II B.P.Th. (New) Examination, October 2003
PATHOLOGY AND MICROBIOLOGY

Total Duration : Section A + B + C = 3 Hours
Section B & C Marks : 50

SECTION B & SECTION C

Instructions: 1) All questions are compulsory.
2) The number to the right indicates full marks.
3) Draw diagrams wherever necessary.
4) Answer each Section in the respective answer sheet only.
5) Answers written in the inappropriate sectional answer books will not be assessed in any case.

SECTION - B
(Pathology)

2. Answer any five out of six: (3x5=15)
   a) Myasthenia Gravis.
   b) Enumerate types of hypersensitivity reactions giving suitable examples of each.
   c) Define necrosis. Enumerate 4 types of necrosis.
   d) Define inflammation. Enumerate cellular events in acute inflammation.
   e) What is lobar pneumonia? Enumerate complications of lobar pneumonia.
   f) Enumerate fat soluble vitamins and write about signs of Vitamin C.

3. Answer any three out of four: (3x5=15)
   a) Discuss osteoarthritis.
   b) Discuss factors affecting wound healing.
   c) Spread of tumour.
   d) Healing of a fracture.

SECTION - C
(Microbiology)

Attempt any four:

4. 1) a. What is meant by Gonorrhoea?
   b. What is the name of the bacterium causing it? Describe its morphology.
   c. How is it spread?
   d. Mention the steps in the laboratory diagnosis.
   1 1 1 2

2) a. Describe the morphology of the organism causing tuberculosis.
   b. How is it spread?
   c. What medium is used to culture the same?
   d. Mention 2 antibacterial drugs used in the treatment.
   2 1 1 1

3) a. Mention 3 important parasites causing human infection.
   b. Describe in brief the life cycle of any one.
   1 4

4) a. What is meant by nosocomial infections.
   b. Mention 2 important bacteria causing the same.
   c. What is the source of the nosocomial infection?
   1 1 3

5) a. Draw a diagram of the hot air oven and mark the parts.
   b. What is the temperature at which it works?
   4 1