Instructions:
1) Use blue/black ball point pen only.
2) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
3) All questions are compulsory.
4) The number to the right indicates full marks.
5) Draw diagrams wherever necessary.
6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
7) Use a common answerbook for all sections.

Section "A" (50 Marks)  
(Pathology)  

1. Short answer question (any five out of six)  
   a) Mention the factors which affect wound healing.  
   b) Describe briefly Duchenne's muscular dystrophy.  
   c) What is carcinogenesis? Enumerate chemical carcinogens.  
   d) Describe the pathology and clinical effects of rickets.  
   e) Describe briefly etiology of Peptic ulcer.  
   f) Describe briefly Lobar pneumonia.  

2. Long answer question (any one out of two)  
   a) Describe the clinical presentation, pathological features and complications of Rheumatoid arthritis.  
   b) Define inflammation. Describe the vascular events in acute inflammation.

Section "B" (30 Marks)  
(Microbiology)  

3. Short answer question (any three out of four)  
   a) Write the short note on Bacterial Capsule.  
   b) Write a note on Anaphylaxis.  
   c) Write a note on Candidiasis.  
   d) Describe the laboratory diagnosis of tuberculosis.

4. Long answer question (any one out of two)  
   a) Define Sterilization, Disinfection & Antisepsis. (3) Enlist the different methods of Sterilization. (3) Describe the principle, working and uses of Autoclave. (1) Mention the sterilization control used for autoclave (1)  
   b) Define Hospital Acquired Infection (HAI) (2) Describe the details of Risk factors associated with Hospital Acquired Infection (5) Describe in detail about the prevention and control measures (11:11:11).