AD-3236
B. Sc. (Microbiology) (Sem. VI) Examination
March/April – 2015
MB - 21 : Clinical Microbiology & Epidemiology

Time : Hours] [Total Marks : 50
Instructions :

(1) Figures to the right indicate full marks of the question...

(3) Draw neat and labelled diagrams whenever necessary.

1 Give Specific answers.
   (a) Differentiate Synthetics and Semi synthetics drugs.
   (b) Enlist any four ideal characteristics of chemotherapeutic agents.
   (c) Define and differentiate: Sign and Symptoms.
   (d) What is autogenous infection?
   (e) Give full form of TBA and PYR.
   (f) Write the name of biochemical test that diagnose UTI.

2 Explain/comment on any two of the following
   (a) Hospital epidemiologist has to provide important services to control nosocomial infections.
   (b) Blood for culture must be collected & dispersed with great care to avoid contaminations.
   (c) It is important to examine uncentrifuged urine.
3 Discuss any **two** of the following.

(a) Describe antibacterial agents that inhibit cell wall synthesis.

(b) Enlist pathogens found in the CSF and write in detail on its laboratory examinations.

(c) Discuss laboratory examination and antimicrobial sensitivity of throat & mouth specimen.

4 Write short notes on any **two** of the following.

(a) Chemotherapeutic agents and chemotherapy.

(b) Testing urine for HCG

(c) Epidemic V/S Infectious disease in a population.