

[LC 1131]

Sub. Code : 1131

SECOND PROFESSIONAL B.S.M.S. DEGREE EXAMINATION —  
FEBRUARY 2013.

Paper VII — NUNNUYIRIYAL (MICROBIOLOGY)

*Q.P. Code : 601131*

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Essay on : (2 × 15 = 30)

1. Typical structure of an Immunoglobulin molecule.
2. Pathogenesis and Laboratory diagnosis of *Vibrio cholera*.

II. Short notes : (10 × 5 = 50)

1. Morphology of a bacteria.
2. Methods of transmission of infection.
3. Complement fixation test.
4. Infections caused by *Clostridium perfringens*.
5. Mantoux test.
6. Laboratory diagnosis of Rabies.
7. German measles.
8. Gonorrhoea.
9. Cryptococcosis.
10. General properties of viruses.

**III. Short answers :**

**(10 × 2 = 20)**

1. Cold agglutinins.
  2. Selective medium.
  3. Metachromatic granules.
  4. Australia antigen.
  5. Oncogenes.
  6. Break bone fever.
  7. Id reaction.
  8. Capsid symmetry.
  9. ASO.
  10. Zoonosis.
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