

B.Sc. Nursing Part-I Examination

December - 2011

Subject: MICROBIOLOGY

Time: Three Hours

Maximum Marks: 80

Attempt any *FIVE* questions.

(All questions carry equal marks.)

- Q.1 Define immunization? What are live and killed vaccine? What is national immunization programme. 16
- Q.2 Name the causative agents of typhoid and describe in detail clinical symptoms, pathogenicity and laboratory diagnosis of typhoid. 16
- Q.3 Describe briefly any FOUR :- 4 x 4 = 16
- (a) Robert Koch.
 - (b) Hot air oven.
 - (c) Opportunistic fungi.
 - (d) Gram's staining.
 - (e) Culture media.
- Q.3 Describe the life cycle, pathogenesis and laboratory diagnosis of entamoeba histolytica. 16
- Q.4 Differentiate between :- 4 x 4 = 16
- (a) Streptococcus pneumoniae and streptococcus viridians.
 - (b) IgG and IgM.
 - (c) Immediate and delayed hypersensitivity.
 - (d) Exotoxin and endotoxin.
- Q.5 Describe briefly any FOUR :- 8 x 2 = 16
- (a) Role of nurse in hospital in infection control programme.
 - (b) Laboratory diagnosis of STD's.