

B.Sc. Nursing Part-I Examination

December - 2013

Subject: MICROBIOLOGY

Time: Three Hours

Maximum Marks: 80

Attempt any *FIVE* questions.

(All questions carry equal marks.)

- Q.1 Explain the classification of immunity and describe immuno-prophylaxis in detail. 16
- Q.2 Discuss briefly. 4 x 4 = 16
- (a) Biomedical waste management
 - (b) Hospital infection control programme
 - (c) Anaphylaxis
 - (d) Colonization
- Q.3 Describe the life cycle, pathogenesis and lab diagnosis of plasmodium falciparum. 16
- Q.4 Briefly discuss 8 x 2 = 16
- (a) Factors affecting growth and nutrition of microbes.
 - (b) Lab method for identification of microorganism.
- Q.5 Explain the microorganism causing tuberculosis. Describe pathogenesis and confirm lab diagnosis for tuberculosis. 16
- Q.6 Write short note on: 8 x 2 = 16
- (a) Role of nurse in hospital acquired infection (nosocomial infection).
 - (b) Transmission of infection.