

B.Sc. Nursing Part-I Examination

December - 2012

Subject: MICROBIOLOGY

Time: Three Hours

Maximum Marks: 80

Attempt any *FIVE* questions.

(All questions carry equal marks.)

- Q.1 Enumerate different categories of bio-medical waste and discuss in detail the methods of disposal of hospital waste. 16
- Q.2 Describe the life cycle, pathogenesis and laboratory diagnosis and plasmodium falciparum. 16
- Q.3 Briefly describe any TWO :- 8 x 2 = 16
- (a) Universal precautions.
 - (b) Polymerase chain reaction (PCR).
 - (c) Dermatophytes.
- Q.4 Describe briefly any FOUR :- 4 x 4 = 16
- (a) Post exposure prophylaxis of HIV.
 - (b) Hydatid cyst.
 - (c) Chemical agents of sterilization.
 - (d) Anaphylaxis.
 - (e) Current status of dracunculus medinensis.
- Q.5 Briefly describe any TWO: 8 x 2 = 16
- (a) Prevention of hospital associated infection.
 - (b) Bacterial cell wall.
 - (c) Laboratory diagnosis of diphtheria.
- Q.6 Describe briefly any FOUR :- 4 x 4 = 16
- (a) Window period in HIV.
 - (b) Prophylaxis of rabies.
 - (c) Pathogenecity of hookwormn.
 - (d) Tetanus toxoid.
 - (e) WHO immunization schedule.