

B.Sc. Nursing Part-I Examination

November - 2011

Subject: MICROBIOLOGY

Time: Three Hours

Maximum Marks: 80

Attempt any *FIVE* questions.

(All questions carry equal marks.)

- Q.1 Enumerate antigen antibody reactions. Describe agglutination reaction, used for diagnosis of infectious diseases in laboratory. 16
- Q.2 Enumerate micro-organism causing diarrhea. Describe etiopathogenesis and laboratory diagnosis of cholera vibrio. 16
- Q.3 Describe briefly any FOUR :- 4 x 4 = 16
- (a) Gas gangrene.
 - (b) Pulse polio programme.
 - (c) Negri bodies.
 - (d) Anaphylaxis.
 - (e) Tyndallisation
- Q.4 Briefly discuss:- 8 x 2 = 16
- (a) Classification of viruses.
 - (b) Sample collection and laboratory diagnosis of swine-flu.
- Q.5 Describe the life-cycle, pathogenesis and laboratory diagnosis of Wucheria Bancrofti. 4 x 4 = 16
- Q.6 Write short notes on :- 4 x 4 = 16
- (a) Elek's Gel precipitation test.
 - (b) Mantoux test.
 - (c) Dermato-phytes.
 - (d) Cryptococcosis.