

B.Sc. Nursing Part-I Examination

November - 2016

Subject: MICROBIOLOGY

Time: Three Hours

Maximum Marks: 80

Attempt any *FIVE* questions.

(All questions carry equal marks.)

- Q.1 Discuss briefly (any two) :- 8 x 2 = 16
- (a) Acid-fast staining
 - (c) Cultivation of viruses
 - (e) Types of culture media
- Q.2 Differentiate between (any four) 4 x 4 = 16
- (a) Active immunity and passive immunity
 - (b) Taeniasolium and taeniasaginata
 - (c) Endotoxin and exotoxian
 - (d) T-lymphocyte and B-lymphocyte
 - (e) Bacillary and amoebic dysertery
- Q.3 Write short notes on (any four) 4 x 4 = 16
- (a) Spore
 - (b) Coomb's test
 - (c) Urinary tract infection
 - (d) Hydatid cyst
 - (e) Autoclave
- Q.4 Describe the morphology, pathogenesis and lab diagnosis of treponemapallidum. 16
- Q.5 Describe the morphology, pathogenesis, lab diagnosis and treatment of rhabdo virus. 16
- Q.6 Discuss briefly (Any four): 4 x 4 = 16
- (a) Growth curve
 - (b) VDRL test
 - (c) Define noscomial infection.
 - (d) Explain some important hospital infection.
 - (e) Factors responsible for hospital infections.
 - (f) Prevention of nosocomial infection.