

M-(xvi)

**B.Sc. Nursing Part-I Examination**  
**November – 2019**  
**Sub. - MICROBIOLOGY**  
**Paper-V**

Time : Three Hours

Maximum Marks: 80

Attempt any *FIVE* questions.  
(All questions carry equal marks.)

- Q.1 Define the following:  $8 \times 2 = 16$
- a) Bacterial spore
  - b) Antigen
  - c) Anaerobes
  - d) Disinfection
  - e) Transport medium
  - f) IgM
  - g) Dermatophytes
  - h) Vaccine
- Q.2 Briefly discuss:  $2 \times 8 = 16$
- a) Hypersensitivity reactions
  - b) Nosocomial infection
- Q.3 Write short notes on:  $4 \times 4 = 16$
- a) Bacterial cell wall
  - b) Acquired immunity
  - c) Universal precautions
  - d) Zoonotic infection
- Q.4 Discuss briefly:  $2 \times 8 = 16$
- a) Autoclave.
  - b) Role of infection control nurse in the tertiary care hospital.  $4 \times 4 = 16$
- Q.5 Discuss briefly (Any four):  $2 \times 8 = 16$
- a) Ziehl and Neelsen (Acid fast staining)
  - b) Bacterial growth curve.
  - c) Candida albicans
  - d) Arthropod vectors in microbiology
  - e) Koch's postulates
- Q.6 Describe the life cycle morphology, pathogenicity and lab diagnosis of *Ascaris lumbricoides*. 16