B.Sc. Nursing Part-I Examination
November - 2019
Subject: MICROBIOLOGY
Time: Three Hours
Maximum Marks: 80
Attempt any *FIVE* questions.
(All questions carry equal marks.)

Q.1	Define the following:	8 x 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 x 8 = 16
	a) Hypersensitivity reactions	
	b) Nosocomial infection	
Q.3	Write short notes on:	4 x 4 = 16
	a) Bacterial cell wall	
	b) Acquired immunity	
	c) Universal precautions	
	d) Zoonotic infection	
Q.4	Discuss briefly:	4 x 4 = 16
	a) Autoclave	
	b) Role of infection control nurse in the tertiary care hospital.	
Q.5	Discuss briefly (Any four):	4 x 4 = 16
	a) Ziehl and Neelsen staining (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