



Q.P. CODE: 103010

Reg. No:

First Year B.Sc Nursing Degree Supplementary Examinations, May 2013

Microbiology

Time: 3 Hrs

Max. Marks: 75

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Define Urinary tract infection(UTI). List the organisms commonly causing UTI. What is significant bacteriuria. Describe the various methods of sample collection and lab diagnosis. (1+2+1+4+2=10)
2. Name four bacteria causing food-borne infections. Describe the morphology, clinical features and laboratory diagnosis of cholera. (2+1+2+5= 10)

Short notes:

(7×5=35)

3. Innate immunity
4. Universal precautions
5. Nosocomial infection
6. Entamoeba Histolytica
7. E.coli
8. Staphylococcus aureus
9. Laboratory diagnosis of pulmonary tuberculosis

Answer briefly:

(10×2=20)

10. Transport medium
11. Inspissation
12. Name four zoonotic diseases
13. MMR vaccine
14. Name two multidrug resistant organisms
15. Name four blood borne pathogens
16. Louis Pasteur
17. IgG
18. Classify hypersensitivity reactions
19. Name four gram positive bacteria

