

**QP CODE: 108011**

**Reg. No:.....**

**First Year Post Basic B.Sc Nursing Supplementary Examinations  
October 2018**

**Microbiology  
(2010 Scheme)**

**Time: 3 Hours**

**Total Marks: 75**

- **Answer all questions**
- **Draw diagram wherever necessary**

**Essay:** **(2x10=20)**

1. Enumerate the agents of surgical site infection. Describe the morphology and laboratory diagnosis of the most common cause of this infection. What steps will you take to prevent this in your health care setup. (2+3+5)
2. Enumerate the differences between active and passive immunity. Describe in detail the universal programme on immunization. (4+6)

**Short notes:** **(8x5=40)**

3. ZN stain.
4. Laboratory diagnosis of hookworm infection.
5. Food poisoning.
6. Relapsing fever.
7. Widal test and its interpretation.
8. ELISA test.
9. Laboratory diagnosis of dengue.
10. Differentiate between live and killed polio vaccines.

**Answer briefly:** **(5x3=15)**

11. Flagella.
12. Define intermediate host with an example.
13. Give three examples of agents causing human filariasis.
14. KOH examination
15. Definition of inclusion body with two examples.

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