

*Dehpuin***NEW****2017****BMLT****5th Semester Paramedical Examination****CLINICAL MICROBIOLOGY****PAPER—XIV (Unit-27)****Full Marks : 40****Time : 2 Hours**

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their

own words as far as practicable 16/24

Illustrate the answers wherever necessary.

Answer Q. No. 1 and any three from the rest.

1. Answer any five questions : 5×2

- ✓ (a) What is Fastidious bacteria ? Give example.
- ✓ (b) What are the difference between cell wall of Gram positive and Gram Negative bacteria ?

(Turn Over)

2
3
2
3
Write the different types of
Dermatophytes

(c) What do you mean by selective media ?
example.

(d) What is Tyndallization ?

(e) What is the principle of Indole test ?

(f) What is modified Z-n stain ?

(g) What is 'Dimorphic Fungi' ?

(h) 'Swarming is not seen in Mac conkey Agar'—comment
on this statement.

2. Classify bacteria according to their oxygen requirement.

Write different methods of sterilization by moist heat at
below 100°C. What is sterilization control ?

3. Name the bacteria causing Urinary Tract infection (UTI).

What is significant of Bactenurea ? How will you proceed
for Laboratory diagnosis in a case of UTI ?

4. Define Dermatophytes. Name same condition caused by
Dermatophytes. How will you diagnose candida infection
in your Laboratory ?

(a) What is Fastidious bacteria ?

Microscopic

(b) What are the difference between cell wall of Gram
positive and Gram Negative bacteria ?

3

Generate the different risk group of microorganism in microbiology Laboratory. Write a note on Pre-exposure and post-exposure prophylaxis of Rabies.

4+6

6. How will you perform Antibiotic sensitivity test in your Laboratory? Name same common antibiotics used in this test. How will you dispose a disposable syringe after using it?

6+2+2

18/24

