

BMLT 5th Semester Examination, 2018

CLINICAL MICROBIOLOGY

PAPER – XIV (U-27)

Full Marks : 40

Time : 2 hours

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

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

1. Answer any five questions : 2 × 5

(a) Why formalin is used to clean the floor on which microbiological work to be done ?

(b) From which part of the body the Specimen sample for tuberculosis and cholera detection is collected ?

(c) What is oil immersion objective ?

(Turn Over)

(2)

(d) What is agar ? Mention its use.

(e) What is the basic difference between pathogen and opportunistic pathogen ?

(f) What is mycotoxicosis ?

(g) What are the causative agents of influenza and tuberculosis ?

(h) Write the full form of RCM and CONS.

2. What are the basic rules and regulations for aseptic

- (e) What is the basic difference between pathogen and opportunistic pathogen ?
- (f) What is mycotoxicosis ?
- (g) What are the causative agents of influenza and tuberculosis ?
- (h) Write the full form of RCM and CONS.
2. What are the basic rules and regulations for aseptic working in microbiological laboratory ? What is biosafely level ? 6 + 4
3. What is culture media ? Give example write the process of differentiation of bacteria on the basis of Gram staining. What is the maximum magnification of a light microscope ? (2 + 1) + 6 + 1
4. Write short notes on : 3 + 3 + 4
- (i) Antibiotic resistance
- (ii) Pathogen of UTI
- (iii) Sterilization.

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(Continued)

(3)

5. Write the symptoms, prevention and diagnosis of Swine-flu. Write in brief about Rabies treatment. (2 + 2 + 2) + 4
6. How candida infection can be diagnosed ? Classify fungi. What is subcutaneous mycosis. 5 + (3 + 2)