

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE – 1
SEMESTER EXAMINATIONS
APRIL – 2017
MICROBIAL TECHNIQUES

15CPBT2B

Time: 3 Hrs

Max. Marks: 75

SECTION – A (5 X 6 =30)

Answer ALL the questions.

1. a) Write down the general characteristics of virus.
(Or)
b) Write briefly about functions of cellular components.

2. a) Explain in detail about types of culture media.
(Or)
b) Principles of classification and Nomenclature of microorganisms with example.

3. a) Write notes on ethanol production.
(Or)
b) How fermented foods are prepared and list out any 10 healthiest fermented foods.

4. a) Write note on types of antifungal drugs.
(Or)
b) What are the precursor measures have to maintain for clinical sample collection?

5. a) How bacteria and viruses enter the body.
(Or)
b) Explain in detailed about dangerous and common protozoal diseases.

SECTION – B (3 X 15 =45)

Answer any THREE of the following questions.

6. Give detailed account on characteristics of typical bacterial cell structures.
7. Discuss in detailed about microbial growth curve.
8. Explain detailed about critic acid production and their applications.
9. Give an account on classification of Anti bacterial Agents.
10. Give any one example to Gram negative or Gram positive bacterial disease, cure and control.

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