

Vitthalbhai Patel & Rajratna P.T.Patel Science College V.V. Nagar

Internal Test: 2016(Semester III)

Date: 14-03-2016

Sub: Microbiology (US04 EMIC-01)

Total Marks: - 25

Time: 03-00 to 04-00 p.m.

Q-1 Attempt the following multiple choice question. (03)

- (1) The mode of nutrition of kingdom animalia is  
(a) Absorption (b) Photosynthesis (c) Ingestion (d) Osmosis
- (2) Organisms that lose their virulence are called  
(a) Pathogens (b) Virulent (c) Attenuated (d) All of these
- (3) Following is an example of non ionizing radiation  
(a) X-rays (b) U.V rays (c)  $\gamma$  -rays (d) none of these



Q-2 Attempt the following (any two) (04)

- (1) Describe Haeckel's classification.
- (2) What benefits might a human host derive from the normal flora?
- (3) What is the meaning of Bacteriological filter?

Q-3 Explain Antigenic & Nutritional characteristics used in classification of bacteria. (06)

OR

Q-3 Write a brief note on Whittaker's classification. (06)

Q-4 Define infection and explain various types of infection. (06)

OR

Q-4 Write a note on Gnotobiotic life. (06)

Q-5 Moist Heat can be used for control of microorganisms. Justify. (06)

OR

Q-5 Explain How Osmotic pressure can be used for control of microorganisms. (06)

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