

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) The laboratory apparatus designed to use steam under pressure is:
(a) Autoclave (b) Inspissator
(c) Incinerator (d) Refrigerator



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 Pasteurization? Write its applications.

Q-3 Explain morphological, chemical & ecological 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 Write notes on: Bacteriological Filters. (06)

OR

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

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