

All of these have cellular organization except.

- A. Bacteria
- B. Fungi
- C. Algae
- D. Viruses

ANSWER: D

The viruses which show a lysogenic cycle are also called.

- A. Virulent phage
- B. Temperate phage
- C. Bacteriophage
- D. Mosaic phage

ANSWER: B

Viruses can be recognized only by their.

- A. Physical behaviour
- B. Chemical behaviour
- C. Biological behaviour
- D. Physiological behaviour

ANSWER: C

These are only intracellular obligate parasites.

- A. Viruses
- B. Fungi
- C. Bacteria
- D. Protozoans

ANSWER: A

All crystallized plant viruses have been found to consist mainly of.

- A. Ribonucleoproteins
- B. Deoxyribonucleoproteins

- C. Riboflavin
- D. Lipoproteins

ANSWER: A

The protein coat of T.M.V. consists of how many identical protein subunits.

- A. 158
- B. 2130
- C. 18000
- D. 6390

ANSWER: B

The phenomenon of transfer of genetic material (DNA) from one bacterium to another by third party is called.

- A. Transformation
- B. Transduction
- C. Conjugation
- D. Binary fission

ANSWER: B

Teichoic acid is usually present in.

- A. Viruses
- B. Protozoans
- C. Gram negative bacteria
- D. Gram positive bacteria

ANSWER: D

Which one is usually absent in bacteria.

- A. Cell membrane
- B. Ribosomes
- C. Nuclear membrane
- D. Chromatin

ANSWER: C

Bacteria having no flagella are termed as.

- A. Peritrichous
- B. Monotrichous
- C. Atrichous
- D. Lophotrichous

ANSWER: C

Bacillus aceti convert the sugar solution into.

- A. Ethanol
- B. Vinegar
- C. Nitrate
- D. Acetone

ANSWER: B

Bacteria have been descendent from the.

- A. Blue Green Algae
- B. Protozoans
- C. Protists
- D. Green Algae

ANSWER: A

Reserve food material in Blue green algae is.

- A. Starch
- B. Proteins
- C. Lipids
- D. Glycogen

ANSWER: D

The Eight cell stage in Volvox is known as.

- A. Chantranchia
- B. Androgonia
- C. Plakea
- D. Manubrium

ANSWER: C

Dwarf male in Oedogonium is called.

- A. Oospore
- B. Nannandrium
- C. Aplanospore
- D. Macrandous

ANSWER: B

A Virus which incorporate its DNA into the DNA of the host organism is.

- A. Prophage
- B. Virulent phage
- C. Lytic phage
- D. All of these

ANSWER: A

Viruses are.

- A. Unicellular
- B. Multicellular
- C. Autotrophic
- D. Non cellular

ANSWER: D

Which one is essential for the reproduction of viruses.

- A. Living host
- B. Vaccine
- C. High temperature

D. Food and water

ANSWER: A

Tobacco mosaic disease is a.... disease.

A. Viral

B. Bacterial

C. Fungal

D. None of these

ANSWER: A

Which one is not the feature of bacteria.

A. Genetic recombination

B. Asexual reproduction

C. Decomposition

D. Multicellular

ANSWER: D

Which organelle is found in bacteria.

A. Mitochondria

B. Endoplasmic reticulum

C. Ribosome

D. Peroxisome

ANSWER: C

Pilli are involved in mating process between two bacteria called.

A. Conjugation

B. Transduction

C. Transformation

D. Budding

ANSWER: A

The locomotion in bacteria occur with.

- A. Cilia
- B. Flagella
- C. Pseudopodia
- D. Pilli

ANSWER: B

Cyanobacteria are photosynthetic partner in most of.

- A. Mycorrhiza association
- B. Commensalism
- C. Symbiotic association
- D. Lichen

ANSWER: D

Photosynthetic bacteria liberate.

- A. O₂
- B. CO₂
- C. Sulphur
- D. H₂S

ANSWER: C

Non motile spores formed from certain vegetative cells during unfavourable condition in Nost.

- A. Heterocyst
- B. Hormogonia
- C. Akinete
- D. Coenobium

ANSWER: C

In Nostoc heterocyst are concerned with.

- A. Nitrogen fixation
- B. Photosynthesis

- C. Both A&B
- D. Protection

ANSWER: A

Single filament of the nostoc without mucilage is called.

- A. Hypha
- B. Mycelium
- C. Trichome
- D. Colony

ANSWER: C

Which one of the following is a thallophyte.

- A. Algae
- B. Fungi
- C. Both A&B
- D. Angiosperm

ANSWER: C

Among the following which is obtained from algae.

- A. Wax
- B. Butter
- C. Agar agar
- D. Cheese

ANSWER: C