

## Sample questions

F.Y.B.Sc. Microbiology Sem-I Paper-II –Microbial Growth and Nutrition-(BSMICC102T)

Q.1. Purple sulfur bacteria are-----

A. Chemoautotrophs

**B. Photoautotrophs**

C. Chemoheterotrophs

D. Photoheterotrophs

Q.2. Photoautotrophs derive their energy from-----

A. Organic compounds

B. Water

C. Inorganic compound

**D. Light**

Q.3. Organisms which use organic carbon as source of carbon and energy are called---

A. Autotrophs

B. Heterotrophs

C. Phototrophs

**D. Chemoheterotrophs**

Q.4. The bacterium *Thiobacillus thiooxidans* uses ----as source of energy.

**A. 'S' compounds**

B. 'N' compounds

C. H<sub>2</sub>

D. Light

Q.5. -----is an example of natural medium

**A. Milk agar**

B. Tetrathionate broth

C. Winogradsky's agar

D. Wilson and Blair agar

Q.6. MacConkey's agar is an example of---medium

A. Enriched

B. Synthetic

C. Differential

D. Living

Q.7. ----is an example of differential medium

A. Nutrient broth

B. Nutrient agar

C. Blood agar

D. Peptone water

Q.8. Air handling system of microbiology laboratory should move air from-----risk areas.

A. Higher to lower

B. Lower to higher

C. Upward to downward

D. Downward to upward

Q.9. A BSC is a device that encloses work place in such a way as to protect workers from----exposure.

A. Aerosol

B. Fire

C. Water

D. Dust

Q.10. A BSC is a device that encloses work place in such a way as to protect workers from aerosols exposure contains---filters.

A. HEPA

B. Asbestos

C. Membrane

D. Glass