

TIME: 2 Hours

(45 Marks)

## SECTION 'A' (Multiple Choice Questions)(09)

1 Choose the correct answer for each from the given options:

1. Cell organelle concerned with detoxification of alcohol:

- \* Cell wall
- \* Peroxisome
- \* Mitochondria
- \* Ribosome

2. The capacity of a living system to lose water is:

- \* Osmosis
- \* Water potential
- \* Neopotential
- \* Osmotic pressure

3. The genetic recombination mode of reproduction found in bacteria:

- \* Binary fission
- \* conidia formation
- \* conjugation
- \* budding

4. The suicidal activity of lysosome is called:

- \* Somolysis
- \* Apolysis
- \* Autolysis
- \* Cryolysis

5. RUBISCO is an enzyme which function as carboxylase as well as:

- \* oxido-reductase
- \* hydrolase
- \* oxygenase
- \* ligase

6. The amoeboid stage of slime mold is called:

- \* merozoites
- \* plasmodium
- \* slimoid
- \* fruiting bodies

7. Tracheophytes without roots and leaves are classified in:

- \* psilopsida
- \* sphenopsida
- \* lycopsida
- \* pteropsida

8. Clarity of image is known as:

- \* Magnification
- \* Contrast
- \* Resolution
- \* Sedimentation

9. Infectious structures smaller than virus having single stranded RNA are:

- \* Viroids
- \* Minus strand virus
- \* Priors
- \* Double stranded DNA virus

10. In banana plant, flowers covered by large bracts are, called:

- \* Spathes
- \* Spadix
- \* Capitulum
- \* Palea

11. Induction of flowering in response to the relative length of day and night is:

- \* Phototropism
- \* Vernalization
- \* Photoperiodism
- \* Photorespiration

12. The making of DNA from RNA is called:

- \* Transcription
- \* Translation
- \* Integration
- \* Reverse transcription

13. Double fertilization is the characteristic feature of these plants:

- \* Bryophytes
- \* Angiosperm
- \* Gymnosperm
- \* Feat

14. Plants growing in salt marshes close to sea are termed as:

- \* Hydrophytes
- \* Mesophytes
- \* Xerophytes
- \* Halophytes

15. During this stage bacteria grow and multiply rapidly:

- \* LAG phase
- \* LOG phase
- \* Stationary phase
- \* Decline phase

16. Fertilization in spermatophytes does not need water because of:

- \* Roots
- \* Pollen tube
- \* Style
- \* Stigma

17. Carnivorous plants grow in habitats with low content of this element:

- \* Calcium
- \* Phosphorus
- \* Nitrogen
- \* Potassium

18) Fungi in which sexual reproduction is absent:

- \* Zygomycota
- \* Deutromycota
- \* Basidiomycota
- \* Aseomycota