

Zoology-II SYBSc Sem-IV ATKT Online November 2020
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1. Cell was first seen and observed by ____ (1 point)
 - Crick
 - Watson
 - Newton
 - Robert Hook**
2. ____ contains nucleus without membrane (1 point)
 - RNA
 - DNA
 - eukaryote
 - prokaryote**
3. Detoxification of drugs is done by ____ (1 point)
 - nucleus
 - mitochondria
 - golgi complex**
 - cytoplasm
4. Protozoans have various shapes of ____ (1 point)
 - ribosome
 - nucleus**
 - mitochondria
 - ER
5. Well developed nucleus is at ____ (1 point)
 - telophase
 - anaphase
 - metaphase
 - interphase**
6. Chromatin contains basic proteins ____ (1 point)
 - lysine
 - histones**
 - amylase
 - leucine

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7. Singer and Nicholson explained the model of ____ (1 point)
- lysosome
 - ribosome
 - chromosome
 - plasma membrane**
8. ____ solution with higher solute concentration than that inside a cell (1 point)
- optimum
 - isotonic
 - hypotonic
 - hypertonic**
9. When solutes are moved in opposite direction across the membrane is known as ____ (1 point)
- biport
 - multiport
 - aport
 - anti port**
10. ____ is an important expulsion of waste material outside the cell (1 point)
- meosis
 - mitosis
 - exocytosis**
 - endocytosis
11. Microfilaments are made up of fine filaments of globular protein are ____ (1 point)
- c-actin
 - g-actin
 - f-actin**
 - m-actin
12. ____ are not the part of endomembrane system (1 point)
- mitochondria**
 - golgi complex
 - cyto skeleton
 - lysosome
13. ____ are found in liver and pancreas (1 point)
- vesicles
 - tubules

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- cisternae**
 vacuole
14. ___ is responsible for storage of calcium ion in muscles (1 point)
 endoplasmic reticulum
 cell skeleton
 filament
 fibres
15. ___ plays an important role in acrosome formation of a sperm (1 point)
 testes
 neurons
 golgi complex
 endoplasmic reticulum
16. ___ are polymorphic organelle in size and structure (1 point)
 membrane
 lysosome
 nuclear
 skeleton
17. Lysosomes are commonly called as ___ (1 point)
 suicidal bag
 food bag
 air bag
 water bag
18. ___ is the process by which dead and worn out organelle are digested (1 point)
 autophagy
 auto killing
 auto damage
 auto resistance
19. ___ is a genetic disease by which lipid cannot be broken down inside the brain cell (1 point)
 paralysis
 scurvy
 taysachs
 pompes
21. In a membrane of mitochondria produces finger like infolding known as ___ (1 point)

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- lamella
 - thylkoid
 - golgi complex
 - cristae**
22. Lysosomes are rich in ___ enzyme (1 point)
- digestive**
 - excretory
 - respiratory
 - reproductive
23. ___ bond connects two sugar molecules (1 point)
- glucose
 - glycosidic**
 - saccharide
 - hydrogen
24. ___ is a polysaccharide which forms exoskeleton (1 point)
- cephalin
 - hemicellulose
 - cellulose
 - chitin**
25. Amino acids are joined by ___ bond to form a protein (1 point)
- hydrogen
 - oxygen
 - nitrogen
 - peptide**