

Gurudas College
Internal Assessment 2021
Zoology Honours
Paper: ZOOA-CC1-1-TH

FM: 10

Time: 30 Minutes

(Answer *any Ten Multiple Choice Questions* of the following)

1. *Paramecium* sp. belongs to
 - a. Phylum Ascetospora
 - b. Phylum Apicomplexa
 - c. Phylum Ciliophora
 - d. Phylum Sarcomastigophora

2. The pseudopodia found in *Amoeba* is called
 - a. Lobopodia
 - b. Reticulopodia
 - c. Axopodia
 - d. Filopodia

3. Microtubules found in the flagella of *Euglena* contain
 - a. α -tubulin only
 - b. β -tubulin only
 - c. α -tubulin and β -tubulin both
 - d. none of the above

4. The cilia, kinetosomes and kinetodesma in the ciliature of *Paramecium* together is called
 - a. Flagellum
 - b. Pseudopodium
 - c. Kinyty
 - d. Mastigoneme

5. In the conjugation process of *Paramecium*, the migrating and stationary micronuclei in each conjugant cells fuse to form a zygotic diploid nucleus called
 - a. Exconjugant
 - b. Active micronucleus
 - c. μ -particle
 - d. Synkaryon

6. *Ascaris* sp. belongs to
 - a. Class Aphasmda
 - b. Class Phasmida
 - c. Class Monogenea
 - d. Class Nuda

7. *Taenia* sp. belongs to
 - a. Class Monogenea
 - b. Class Cestoidea
 - c. Class Turbellaria
 - d. Class Trematoda

8. Relationship between corals and symbiotic algae involve
 - a. Nutrient shuffling
 - b. Reef building

- c. Protection against
 - d. Light collection
 - e. Energy Storage
- (i) All the above are true
 - (ii) All the above are false
 - (iii) Some of the above are true

9. Match the following:

GROUP A

GROUP B

- | | |
|----------------------|--|
| a. Spires | 1. are either with small centres and long rays, or with large centres with small rays. |
| b. Asters | 2. have three axes crossing at right angles, producing six rays extending at right angles from a central point |
| c. Hectinal spicules | 3. Monaxons that develop by growth in both directions from a central point |
| d. Rhabds | 4. which are curved in one plane or spirally twisted, and have many Shapes |

10. The wall between incurrent and radial canals is perforated by numerous minute pores called

- a. Apopyles
- b. Prosopyles
- c. Ostia
- d. Osculum

11. Who is father of taxonomy?

- a. Linnaeus
- b. Lamarck
- c. Carl Woese
- d. Darwin

12. Metacystic trophozoite stage is found in

- a. *Plasmodium*
- b. *Fasciola*
- c. *Entamoeba*
- d. *Taenia*

13. 4th moulting of *Ascaris* larva takes place in

- a. liver
- b. lung
- c. soil
- d. small intestine

14. Miracidium is a larval stage of

- a. *Fasciola*
- b. *Wuchereria*
- c. *Taenia*
- d. *Ascaris*

15. Match the following:

Group A

- a. Pentaradial Symmetry
- b. Bilateral Symmetry
- c. Biradial Symmetry
- d. Tetramerous symmetry

Group B

- 1. Jelly Fish
- 2. Sea Star
- 3. Tapeworm
- 4. Comb jelly