

Half yearly exam 2020-21
class 11th
subject – BIOLOGY

time 3 hrs

maximum marks-70

Ques. 1. Choose the correct answer

- 1- Is called Cyno bacteria :
a) Green algae b) Blue algae c) Bluegreen algae d) Braown algae
- 2- Organ of locomotion of euglena is :
a) Cilia b) flagella c) Controlee d) Trichocyst
- 3- Connecting Link between fungai & algae.
a) Mycoplazma b) spirogyra c) Diatoms d) Lichen
- 4- Canal System is found in.
a) Protozoa b) Porifera c) Coelentreta d) Arthropod
- 5- Respiratory organ of scorpion is
a) Skin b) Trachcia c) Clome d) Book lungs

Ques.2. fill in the blanks.

1. _____ Inflorescence is found in Tulsi .
2. _____ is the reserved food material of green algae.
3. Study of age of trees is called _____.
4. Halversian canal are found in _____.
5. Tissue binds borne and cartilage is _____.

Ques.4. match the column

A	B
1. Blood	Nervous Tissue
2. Renveirnode	Earth Worm
3. Closed Circulatory system	Coelentrata
4. Planaria	Liquide Connective Tissue
5. Polyps & Medusa	Platy helminthes

Ques.3. answer in one word

- (i) Name the muscle that works life time?
- (ii) Mesokeriyon is found in"?
- (iii) Euglena is considered as connecting link between ?
- (iv) Name any oviperous mammal ?
- (v) In which body segments of earthworm clitella is found ?

Ques.5. What is Heterocyst ?

Or

What is Bio fluorescence.

Ques.6. Why bat is kept in animals kingdom

Or

Write 2 Characteristics of class insect

Ques.7. Star fish and Top worm belongs to which phylum.

Or

Selaginella and riccia kept in which class.

Ques.8. Explain the structure of cardiac muscle.

Or

Draw a labelled diagram of unstrapped muscle.

Ques.9. Write 2 function of Epithelial Tissue.

Or

Write 2 Examples of Exocrine Glands.

Ques.10. Why frog is kept in class amphibia.

Or

Write the functions of collagen.

Ques.11. Clarify the Pigments found in green and brown algae.

Or

Explain the gema cup in liverworts.

Ques.12. What is heterothallism.

Or

Write two characteristics of phycomycetes .

Ques.13. What is the function of flame cell.

Or

Why Red algae are found in depth of sea.

Ques.14. What do you mean by Symmetry.

Or

Name any two animals of phylum porifera.

Ques.15. Write 3 Characteristics of class Aves.

Or

Write 3 characteristics class mammalia.

Ques.16. Write differences between chordate and non chordate.

Or

Write 3 Characteristics of class pisces.

Ques.17. Write any 3 differences between racimose and cymose inflorescence .

Or

What do you mean by inflorescence. Write various types of inflorescence.

Ques.18. Why Bryon pyres are called. Amphibians of plant kingdom.

Or

Write short note on Tracheophyta.

Ques.19. Draw labelled diagram of T.S. of Cartilage.

Or

Draw labelled diagram of T.S. of Bone.

Ques.20. Describe family solanaceae under following points.

1- Genral characteristics 2- Floral diagram 3- Floral formula.

Or

Describe family Liliaceae under following points.

1- Genral characteristics 2- Floral diagram 3- Floral formula.

Ques.21. Describe Elementary canal of earth worm.

Or

Clarify the position of various nephritis found in earth worm .

Ques.22. Differentiate moss and fern .

Or

Write 5 characteristics Angiosperm plant.