

Zoology Teachers Association Malappuram

First Year Higher Secondary Revision Series Test-2022

Total Score: 30

Time: 1Hour

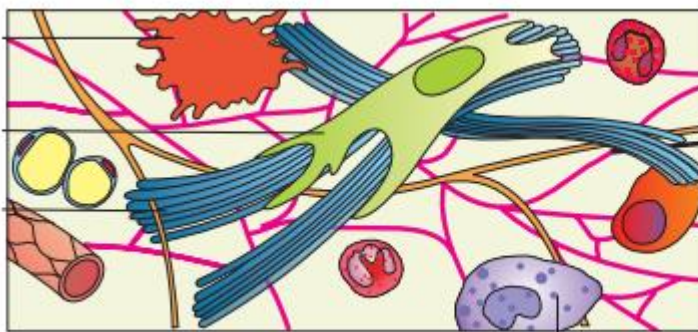
Zoology

Answer all questions from 1 to 3. Each carry 1 score

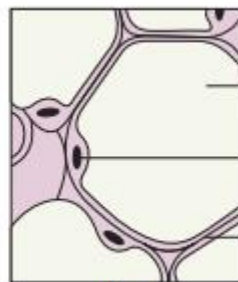
1. Select the correct sequence of taxonomic hierarchy
 - a) Kingdom-Phylum-Order-Class-Family-Genus-Species
 - b) Kingdom-Phylum-Class-Family-Order-Genus-Species
 - c) Kingdom-Class-Phylum-Order-Family-Genus-Species
 - d) Kingdom-Phylum-Class-Order-Family-Genus-Species
2.is an example for Unicellular gland
3. Select the correctly matched pair from the given options
 - a)Wheat - Sapindales
 - b)Man - Primata
 - c)House fly - Carnivora
 - d)Mango - Poales

Answer any Nine questions from 4 to 14. Each carry 2 score

4. Answer the following
 - a) Malpighian tubules are the major excretory organ in Cockroach. Name any two other excretory structures/cells in cockroach
 - b) Name the excretory product in Cockroach
5. Define
 - a) Herbarium
 - b) Zoological Park
6. Differentiate Between Manuals and Monograph
7. In Cockroach
 - a) Mouth parts aretype
 - b) Development is.....type
8. Observe the given picture of the animal tissues



A



B

- a) Identify A and B
- b) Name the cells that produce and secrete fibers

9. Complete the Table

Cell junction	Function
Tight Junction	.....A
..... B	Cementing neighboring cells
Gap junction	Facilitate communication between cells

10. a) In Cockroach respiratory system opens to outside through minute openings called.....

b) Compound eyes of cockroach is made up of number of simple eyes called.....

11. Categorize the given characters of muscles and give proper Heading

- **Alternate Dark /Light band**
- **Involuntary in function**
- **Present on the walls of internal organs**
- **Muscle fibers are cylindrical and un branched**

12. Expand

a) ICZN b) ICBN

13. a) Name the cells which support and protect the neurons

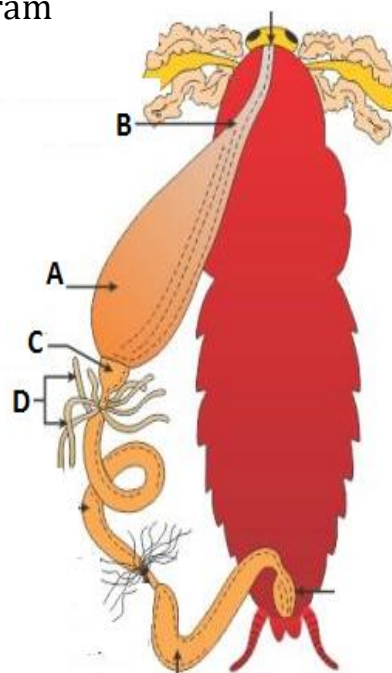
b) Name the type of epithelial tissue which gives protection against chemical and mechanical stress

14. a) In Cockroach ,brain is represented by.....ganglion

b) Why cockroach is called dioecious animal

Answer any three questions from 15 to 18. Each carries Three score

15. Observe the diagram



- a) Label A,B,C and D
- b) Write the function of A and C

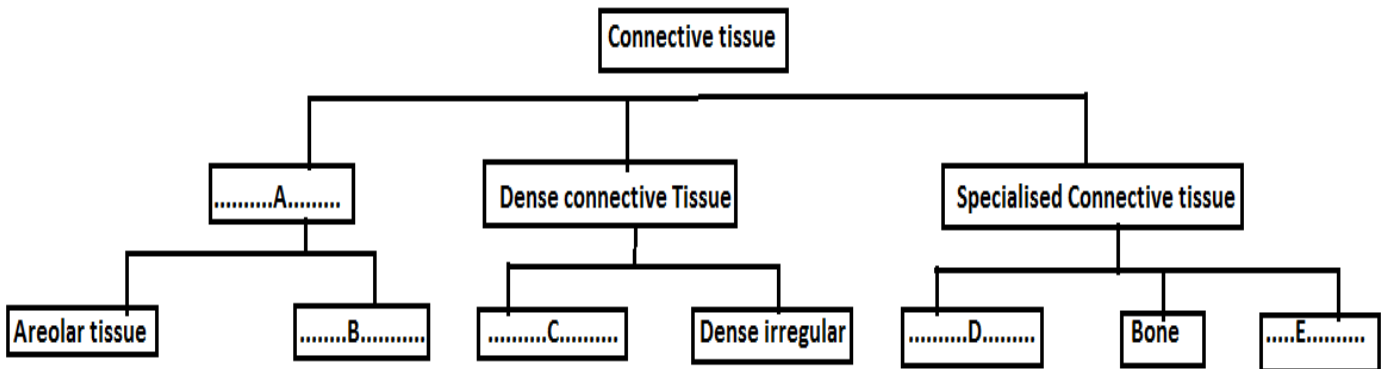
16. Name the structure/Tissues with the following functions

- a) Name tissue that connect skeletal muscle to Bone
- b) Name the Structure which connect junction between adjacent cells in cardiac muscle
- c) Tissue that connect bone to bone
- d) Glands which do not have duct
- e) Fat storing tissue
- f) Solid and pliable specialized connective tissue

17. Complete the Table

Simple Epithelium				
	Squamous	.....A.....	Ciliated	.....B.....
Function	Forming diffusion boundary	.....C.....	.....D.....	Secretion and Absorption
Location	.....E.....	Ducts of Glands	Present in fallopian tube	.....F.....

18. a) Complete the Flow chart



b) Blood filled body cavity of Cockroach is called

Questions prepared by

Academic wing-Zoology association Malappuram