

Department: General Science

College of Basic Education

Salahaddin University-Erbil

Subject: Invertebrate &Vertebrate



Final Examination  
2022- 2023

Stage:4th

Round: 1

Time: 2h.

Q1/Choose the correct answer: (20 Marks)

1.Sponges contains ----- to get food.

- a. pores      b. cells      c. cytoplasm      d. none of them

2. The forms of Cnidarians are -----

- a. polyp      b. medusa      c. Hydra      d. polyp and medusa

3-The Platyhelminthes their body is----- flattened

- a. dorsoventrally      b. dorsal      c. ventral      d. all of them

4-The circulatory system of Annelida is-----

- a. closed      b. opened      c. absent      d. all of them

5- Cephalopoda is class of -----

- a. Mollusca      b. Protozoa      c. Platyhelminthes      d. Vertebrate

6- Phylum of Arthropoda have hard -----

- a.exoskeleton      b.endoskeleton      c.skeleton      d.skin

7-The organism of Echinodermata are-----

- a. hard skeleton      b. spiny-skinned      c. skin      d. derm

8-The animals which lay eggs are called --- -----

- a. oviparous      b. oviviparous      c. viviparous      d. all of them

9-The animal which active in both warm and cold environments called -----

- a. Homoiothermous      b. warm blooded      c. poikilothermous      d. (a+b)

10-Air bladder is present in-----.

- a. Osteichthyes      b. Chondrichthyes      c. Cyclostomata      d. all of them

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Q2/ Enumerate the following questions? (10 Marks)

1-Classes of Annelida.

2- Classes of Vertebrate.

Q3/write important characteristic of Chondrichthyes? (5 mark)

Q4/A.Fill the important characteristics of different phyluums:- (12 Marks)

Characteristic	Amphibia	Aves
1-chamber of heart		
2-Fertilization		
3-skin		
4-cold or warm-blooded		

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B/ Answer the following:

1-Write the important characteristic of Mammalia? (8 Marks)

2-Define the Hibernation? (5 Marks)

Good Luck

Dr. Suhair.W.A

