



Second term Exam
2023



Department: Zoology

Major: ثابفة حفران / كرفماء

Course Title:

لافقاربات طبرفة

Code number: 218 Z

Mark: 60

Date: 7 / 6 / 2023

Time: 1 Hours

الامتحان فف صلفحفن

Question One: (15 Marks): (5 degrees for each)

- 1- The Planarias is often used as an animal model in neurological research (Why) ?
- 2- What's the important of parasitic nematodes for insects?
- 3- Mention the possible medical uses for spider venoms?

Question Two: (10 Marks)

Choose the correct answer (2 degrees for each)

1	All cephalopods are	a- Carnivorous	b- Omnivorous	c- Herbivorous
2	Cephalopods are often noted as important species due to	a- habitat	b- body color	c- brain power
3	What's meant for "BASs"?	a- bacterial acid sources	b- Biological active substance	c- benzene aromatic sources
4	The part responsible for push away sediment as the snail crawls is.....?	a- Mouth	b- Ventral foot	c- Tentacles
5 is the most dominant responsible group for discovering significant number of natural components?	a- Sponges	b- Crabs	c- Coelenterates

Question Three: (10 Marks)

Put true or false and correct the false one (2 degrees for each)

- 1- Planarians can resist bacteria that are highly pathogenic in humans. ()
- 2- The earth worm paste has some uses such as inflammatory and oxidative. ()
- 3- Anchor worm (*Lernaea*) larval stages are permanent parasite ()
- 4- Gastropoda are nocturnal animals ()
- 5- An earth worm has medical important due to the antibiotics in its saliva ()

Question Four: (25 Marks)

Complete (1 degree for one item)

- 1- A unique system of water canals facilitates transport of _____, _____ and _____?
- 2- Sponges come in a wide variety of _____, _____ and _____?
- 3- The Natural products possess vast range of therapeutic applications including: _____, _____, _____, _____, _____ and _____?
- 4- The Turbellarians are breath through _____, and are sensitive to _____?
- 5- Nematodes in fresh water aquatic systems serve as a nutrient source for _____, _____, and _____?
- 6- Path way of intracellular digestion of coelenterates is first _____ then _____?
- 7- Cephalopods move by _____, _____ and _____?
- 8- Echinoderms are important for _____, and _____?
- 9- _____ gland are present in most spider?

"End Exam"

With Best Wishes

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