

S.P.U. (P.G.) College, Falna

(Affiliated to Jai Narain Vyas University, Jodhpur)

Mid Term Examination - 2024

Assignment for Semester III

Program: Post Graduate

Subject: Zoology

Subject/Course Name & Code: Regulatory Physiology of Vertebrates &
DCC: ZOO9002T

Max. Marks: 20

Note: The question paper is divided into Two sections A and B. Write answers as per given instructions.

Section A

(Very Short Answer Type Questions)

Note: Answer all questions. Give answer in One Word or One Sentence or maximum up to 30 Words. Each question carries 2 marks. (4X2=08)

Q.1. (A) Consider the Ach?

(B) Drawn a labeled diagram of nephron

(C) What is bioluminescence?

(D) Explain nerve conduction?

Section B

(Long Answer Type Questions)

Note: Answer any one question selecting from the pair given below (A OR B). Give answer maximum up to 500 Words. This question carries 12 marks. (12X1=12)

Q. 2 (A) Write **e**ssay – Urea cycle and osmoregulation of vertebrates?

OR

(B) Discuss ultra structure of physiology of skeletal muscle and its molecular structure of contraction?



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Mid Term Examination – 2024

Assignment for Semester III

Program: Post Graduate

Subject: Zoology

Subject/Course Name & Code: General Mammalian Physiology &
DCC: ZOO9001T

Max. Marks: 20

Note: The question paper is divided into Two sections A and B. Write answers as per given instructions.

Section A

(Very Short Answer Type Questions)

Note: Answer all questions. Give answer in One Word or One Sentence or maximum up to 30 Words. Each question carries 2 marks. (4X2=08)

Q.1. (A) Consider the word hemoglobin?

(B) What is TCA cycle

(C) What is chloride shift?

(D) Explain glycolysis

Section B

(Long Answer Type Questions)

Note: Answer any one question selecting from the pair given below (A OR B). Give answer maximum up to 500 Words. This question carries 12 marks. (12X1=12)

Q. 2 (A) Write essay – Electron transport system and ATP synthesis

OR

(B) Write essay – Ultra structure of rod and cone cells?

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Mid Term Examination–2024

Assignment for Semester - III

Programme:-M.Sc.

Subject:-Zoology

Course Name & Code :- Environment Biology- DSE (Zoo9101 T)

MaxMarks–20

Note : The Question paper is divided into Two Parts A&B. Write Answer as per given instructions.

Part - A (भागअ)

(Very Short Answer type Questions)

Note: Answer all questions. Give answer in maximum upto 30 words. Each question carries marks.(4x2=8)

Q.1 (A) What is Biomes. ?

(B) What are the 4 most common biomes ?

(C) what are the 5 largest deserts in the world?

(D) What is Biodiversity ?

Part - B (भाग – ब)

(Long Answer type Questions)

Answer any One question selecting from the pair given below (AorB). Give answer maximum upto 500 words.
This question carries 12marks.(12x1=12)

Q.2. (A) Describe about structure and classification of Biosphere.?

OR (अथवा)

(B) Describe Biomes and its classification.?

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Mid Term Examination–2024

Assignment for Semester - III

Programme:-M.Sc.

Subject:-Zoology

Course Name & Code :- Environment Biology- II (Zoo9102T)

MaxMarks–20

Note : The Question paper is divided into Two Parts A&B. Write Answer as per given instructions.

Part - A (भागअ)

(Very Short Answer type Questions)

Note: Answer all questions. Give answer in maximum upto 30 words. Each question carries marks.(4x2=8)

Q.1 (A) What is ecosystem. ?

(B) What is the difference between the environment and an ecosystem. ?

(C) what is green house effect?

(D) What is the definition of pollution ?

Part - B (भाग – ब)

(Long Answer type Questions)

Answer any One question selecting from the pair given below (AorB). Give answer maximum upto 500 words.
This question carries 12marks.(12x1=12)

Q.2. (A) Explain about physicochemical and biological factors in the environment?

OR (अथवा)

(B) Write an essay on Ecosystem.?