Rekha V.V.I. Questions for 2022 Examination

Answer of below mentioned V.V.I. questions are present in your Rekha Guess Paper Part-III Zoology-5

Group – A

Biochemistry

Group – B

Physiology and Endocrinology

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ZOOLOGY - 5 (Hons.) (2021)

Group – A

1. Define carbohydrates. Describe the structure of at least one monosaccharides disaccharides and polysaccharides. 5
2. Describe the mechanism of enzyme action. 22
3. What are enzymes ? Mention their important properties and give a brief account of classification of enzymes. 18
4. Describe the various steps of TCA cycle or Kreb's cycle. Discuss its energetics. 33

Group – B

5. Describe O_2 transport in blood of mammals. 48
6. Give an account of physiology of protein digestion and absorption. 46
7. Describe the physiology of muscle contraction. 69
8. Describe the structure and functions of mammalian adrenal gland. 87

ZOOLOGY - 5 (Hons.) (2020)

Answer five questions selecting at least two questions from each Group.

Group - A

1. Describe the step-wise degradation of glucose to pyruvic acid through glycolytic pathway. 30
2. Give an account of the various levels of protein structure. 11
3. Define lipids. Describe the classification of lipids with suitable examples. 13
4. What are Vitamins? Give an account of fat soluble vitamins and diseases caused due to their deficiency. 24

Group–B

5. Give an account of urea cycle in Mammals. 63
6. Describe the physiology of nerve conduction. 74
7. Explain, in detail, the mechanism of Hormone action. 77
8. Describe the structure and functions of Mammalian Pituitary Gland. 80

ZOOLOGY - 5 (Hons.) (2019)

Answer five questions selecting at least two from each Group.

Group - A

1. Describe the mechanisms of enzyme action. 22
2. Give an account of β–oxidation of fatty acids. 39
3. What are carbohydrates ? Classify carbohydrates with suitable examples. 5
4. Describe Kreb's Cycle and its energetics. 33

Group - B

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Rekha V.V.I. Questions for 2022 Examination

Answer of below mentioned V.V.I. questions are present in your Rekha Guess Paper Part-III Zoology-6

GROUP–A
Biotechnology and Immunology

GROUP–B
Evolution and Zoogeography

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ZOOLOGY - 6 (Hons.) (2021)

Group – A

Group – B

ZOOLOGY - 6 (Hons.) (2020)

Group - A

Group- B

ZOOLOGY - 6 (Hons.) (2019)

Group-A

Group-B

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Rekha V.V.I. Questions for 2022 Examination

Answer of below mentioned V.V.I. questions are present in your Rekha Guess Paper Part-III Zoology-7

Group–A
Medical Zoology

Group–B
Economic Zoology

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ZOOLOGY - 7 (Hons.) (2021)

Group – A

Group – B

ZOOLOGY - 7 (Hons.) (2020)

Group–A

Group- B

8. Write notes on any two of the following :
   (a) Structure of lac insects 77
   (b) Biological vectors 72
   (c) Pond management of fish culture 73
   (d) Cocoon production of silk worm. 73

ZOOLOGY - 7 (Hons.) (2019)

Answer five questions selecting at least two from each Group.

Group-A

1. Explain the characters of bacteria. Name important bacteria found in human and diseases caused by them. 8
2. Describe the structure and life-cycle of Plasmodium. 12
3. Give an account of the structure and life cycle of Ancylostoma duodenale. 21
4. Discuss aeteology, prophylaxis and therapy of cancer. 32

Group- B

5. What is sericulture ? Give an account of sericulture in Bihar. 40
6. What are the important pests of Paddy? Describe their control measures. 64
7. Give an account of the present status of Poultry in Bihar. 69
8. Write notes on any two of the following :
   (a) Pest management 75
   (b) Bee dance 76
   (c) Division of labour in bee 78
   (d) Pests of rice 77

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