

9241

M.Sc. IVth SEMESTER EXAMINATION, 2019

ZOOLOGY

Paper – I

Applied Zoology

Time: Three Hours

Maximum Marks: 80

PART – A (खण्ड – अ)

[Marks: 20]

Answer all questions (50 words each).

All questions carry equal marks.

सभी प्रश्न अनिवार्य हैं। प्रत्येक प्रश्न का उत्तर 50 शब्दों से अधिक न हो।

सभी प्रश्नों के अंक समान हैं।

PART – B (खण्ड – ब)

[Marks: 40]

Answer five questions (250 words each),

selecting one from each unit. All questions carry equal marks.

प्रत्येक इकाई से एक-एक प्रश्न चुनते हुए, कुल पाँच प्रश्न कीजिए।

प्रत्येक प्रश्न का उत्तर 250 शब्दों से अधिक न हो।

सभी प्रश्नों के अंक समान हैं।

PART – C (खण्ड – स)

[Marks: 20]

Answer any two questions (300 words each).

All questions carry equal marks.

कोई दो प्रश्न कीजिए। प्रत्येक प्रश्न का उत्तर 300 शब्दों से अधिक न हो।

सभी प्रश्नों के अंक समान हैं।

PART – A

- Q.1 (i) What is Gambian fever?
(ii) What is ancylostomiasis?
(iii) What is swarming?
(iv) What is stifling and voltanism?
(v) Define vector and its example.
(vi) Give the name which covers vector borne diseases in NVBDCP.
(vii) Give the name of Indigenous carps.
(viii) What is fecundity?
(ix) Give the name of components of organic farming.
(x) What is the difference between sustainable agriculture and organic farming?

PART – B

UNIT – I

- Q.2 Give a brief account of insects and human diseases.
Q.3 Describe helminths and human diseases.

UNIT – II

- Q.4 Explain types of silk moth and types of silk.
Q.5 Write a short note on the following –
(A) Different species and life cycle of honey bees.
(B) Beneficial insect and Agro-industry.

UNIT – III

- Q.6 Give a brief account of vector biology.
Q.7 Describe vector borne diseases and human health.

UNIT – IV

- Q.8 Write a note on culture of fresh water fishes.
Q.9 Explain pearl culture.

UNIT – V

- Q.10 Write a note on vermicomposting and agriculture business management.
Q.11 Write an essay on component of organic farming.

PART – C

- Q.12 Discuss briefly protozoans and human diseases.
Q.13 Explain rearing techniques of sericulture.
Q.14 Give an account of pests of agricultural importance.
Q.15 Describe fish products and its importance.
Q.16 Explain sustainable agriculture and organic farming.
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