

# 1018

## M.Sc. IV Sem. Main Examination 2020

### ZOOLOGY

#### Paper - I

#### Animal Behaviour

M.M. : 85

Mini.Pass.Marks : 29

Note : Attempt all questions.

#### SECTION 'A'

(Short Answer Questions)

5×3=15

Q1 Attempt any five .

- (i) Animal psychology
- (ii) Ethogram
- (iii) Aggregation
- (iv) Chemical communication
- (v) Host - Parasite relations
- (vi) Habituation
- (vii) Parental care

Contd..

( 2 )

(viii) Flocking in birds

(ix) Bioluminescence

(x) Development of behaviour

### **SECTION 'B'**

(Long Answer Type Questions)

5×14=70

Note : Attempt one question from each unit. Each question carry equal marks.

### **UNIT - I**

Q.2 Describe the reflex and complex behaviour. 14

Or

Write an essay on perception of the environment.

### **UNIT - II**

Q.3 Write an essay on inheritance behaviour and relationships. 14

Contd..

( 3 )

Or

Describe the ecological aspect of behaviour.

### **UNIT - III**

Q.4 Write an essay on biological rhythms. 14

Or

Describe the orientation and navigation.

### **UNIT - IV**

Q.5 Write an essay on reproductive behaviour. 14

Or

Describe the social organisation of Primals.

Contd..

( 4 )

**UNIT - V**

Q.6 Describe the hormonal control of behavior. 14

Or

Write an essay on Electric organ and behaviour.

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