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UG/5th Sem/ZOO(H)/Pr/19

2019

B.Sc. (Honours)

5th Semester Examination

ZOOLOGY

Paper - DSE1-P

Full Marks : 20

Time : 3 Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Animal Behaviour and Chronobiology

1. Experimentally demonstrate hydrophilic behaviour of wood lice and comment on your finding. 8+2=10

Or,

Experimentally demonstrate geotaxis behaviour of earth worm and comment on your finding.

Or,

Experimentally demonstrate Phototaxis behaviour of Insect larvae and comment on your finding.

[Turn Over]

(2)

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| 2. Submission of field report. | 5 |
| 3. Submission of Laboratory Note Book. | 2 |
| 4. Viva-voce. | 3 |
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(3)

Fish and Fisheries

Full Marks : 20

Time : 3 Hours

1. Write scientific name, systematic position and Identifying characters of the specimen —

A)

B)

C)

D)

$(\frac{1}{2}+1+1)4=10$

2. Estimate pH of the supplied water sample and write comments on your result. $4+1=5$

3. Laboratory Note Book. 3

4. Viva-voce. 2

(4)

Reproductive Biology

Full Marks : 20

Time : 3 Hours

1. Stain the supplied slide and write down the procedure you applied. $6+4=10$
 2. Identify with reasons the supplied histological sections. (A & B). $2\frac{1}{2}+2\frac{1}{2}=5$
 3. Laboratory Note Book. 2
 4. Viva-voce. 3
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