

Q.P.Code No. 56943

M.Sc., (Previous) Degree Examinations

September/October 2015

Directorate of Distance Education

ZOOLOGY

DPA 530 : Paper – III : Parasitology and Animal Behaviour

Time: 3 hrs.]

[Max.Marks:75/85

Instructions to the Candidates:

- 1. Answer any TWO questions from SECTION - A TWO from SECTION – B, and SECTION – C compulsory.*
- 2. Illustrate the answers wherever necessary.*
- 3. Question No. 10 in SECTION- D is applicable to only freshers.*

SECTION – A

2X15=30

1. Discuss in detail the modes of entry of parasites and their effects.
2. Explain in detail on etiology of Trypanosoma.
3. Give a detailed account on cultural techniques of parasites
4. Give an account on the Parasitoidas with suitable examples.

SECTION – B

2X15=30

5. Explain instinctive behavior with suitable examples.
6. Write an essay on biological communication.
7. Discuss biological rhythms and their significance.
8. Explain social organization in primates.

SECTION – C

3X5=15

9. ***Write short notes on any THREE of the following :***

- a) Echinococcus
- b) Ticks
- c) Female choice
- d) Polygenic inheritance
- e) Courtship Behaviour

SECTION – D

1X10=10

10. Give a detailed account on memory with suitable examples.
