Classes = All UG Regular/ Backlog students of CBCS from Batch, 2016 and onwards/ 5th Semester (Batch 2017) and their backlogs wherever applicable.

Subject: Applied Zoology   **Course code (DSE/ 4 Credits)**

Max. Marks = 60

*Note: Do submit **HAND WRITTEN** assignment through e-mail or Google class room as Pdf file. Attempt all the questions. Write your Name, Class Roll No., Section, University registration No., on the title page of assignment*

Q. 1. Describe the life cycle and pathogencity of *Plasmodium vivax ?*

                    Or

Describe the life cycle and pathogenicity of *Wuchereria bancrofti ?*   **12**

Q. 2. Define IPM? Name the methods of pest control used under IPM? Write a note on Biological control?

                    Or

Write a detailed note on the biology, damage and control of *Helicoverpa armigera ?*

                                                                        12

Q.3.   Discuss in detail the processing and preservation of poultry eggs?

              OR

What are the principles of poultry breeding? How is poultry breeding managed?
                                                                        12

Q.4.   Discuss the fresh water fish culture in detail?

              OR

What is induced breeding? How is it performed?   **12**

Q. 5. Answer any 4 of the following short questions

      a. Name any of two Indigenous breeds of cattle?

      b. What are bundhs?

      c. Name three diseases of poultry?

      d. Define zoonosis?

      e. Name any 3 oil seed insect pests?

      f. Name any two diseases caused by Culex mosquito?

      g. Define symbiosis?

                                                                        12

_____**XXXXXXXXXX**_____

INSTRUCTONS FOR SUBMITTING ASSIGNMENT (5ᴛʜ SEM. APPLIED ZOOLOGY)

1. The hand written assignment is to be submitted by students as pdf file (using camscan) through following google class rooms/ e-mail as per following break up

Roll No. Series	Assignment to be submitted				
	Teacher concerned	Class room code	e-mail	format	No. of pages to be submitted
1-220+ Back log cases	Dr. Deen Mohd. Bhat	**r5lnk5j**	bhatdm2020@gmail.com	pdf	Up to 10
221-440 + Backlog cases	Dr. Sheikh Muzafar	**t2p3thp**	masheikh7923@gmail.com	pdf	Up to 10

2. Last date of assignment submission is 26/06/20.
3. The assignment must be handwritten on A4 size ruled paper with not more than 10 pages converted into a single PDF file using camscanner. Only pdf format will be accepted not image.
4. Students must write page No., Roll No. and registration No. on each page on top right corner and all the questions must be highlighted in red.
5. Students must preserve hard copy of assignment for future usage.
6. Student should not copy answers from other student.
7. Assignments should be scanned properly for clear visibility.
8. The backlog students must mention BACKLOG CASE IN TITLE PAGE
9. Title page of assignment must contain

Name of the candidate……………………………….•

Semester……………………………………………………•

Subject…………………………………………………….•

Category: Fresh/Backlog……………………………•

Batch:……………………………………………………….•

Roll No……………………………………………………….•

Section………………………………………………….

Registration No.…………………………………………..•

Cell no……………………………………………………..•

e-mail address…………………………………………..•

Date of Submission…………………………………….•

Total pages including title page…………….

Signature of Candidate…………………………….•