

TB153540A

Reg. No.....

Name.....

B. Sc. DEGREE (C.B.C.S.S.) EXAMINATION, OCTOBER 2016

SEMESTER III - CORE COURSE (ZOOLOGY)

ZY3B03TB -- BIODIVERSITY AND ANIMAL REARING

Time: Three Hours

Maximum Marks: 60

PART A

I. Answer all questions. Each question carries 1 mark

1. Define biodiversity
2. What are invasive species? Give an example?
3. What are breeding hapas?
4. Comment on epigeic earthworms
5. Comment on Bee pasturage with example

(5x1=5)

PART B

II. Answer any five questions. Each question carries 2 marks

6. Tropics are rich in biodiversity. Why?
7. Discuss on CBD?
8. Comment on types of aquaculture
9. Define vermi composting. What is vermi wash?
10. Elaborate Peoples Biodiversity Register
11. Comment on any two diseases affecting culture fishes
12. Distinguish between swarming and absconding
13. What is voltinism? Name a multivoltine silkworm

(5x2=10)

PART C

III. Answer any five questions. Each question carries 5 marks

14. Explain the values of biodiversity
15. Give an account on various in-situ strategies for conservation of biodiversity
16. Comment on the cultivable fishes of Kerala
17. Elucidate mussel culture
18. Explain mounting of worms in sericulture
19. Give a note on the organization of honeybee colony
20. Write down the steps involved in vermin composting
21. Comment on levels of biodiversity

(5x5=25)

PART D

IV. Answer any two questions not exceed four pages. Each question carries 10 marks

22. Explain the process of formation of pearls in Oysters

23. Explain the threats to biodiversity
24. Describe the Biodiversity Hotspots in India
25. Give an account on the methods and equipments used in apiculture

(2x10=20)