

B.SC-ZOOLOGY  
VI SEMESTER

NGM COLLEGE (AUTONOMOUS): POLLACHI

END - OF - SEMESTER EXAMINATIONS: JULY- 2022

MAXIMUM MARKS: 50

TIME: 2 HOURS

PART – IV SKILL BASED ELECTIVE PAPER- II  
VERMICULTURE

SECTION - A (10 X 1 = 10 MARKS)

ANSWER ALL OF THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS

(K1)

1. Earthworm belongs to the phylum \_\_\_\_\_  
a) Arthropoda      b) Annelida      c) Platyhelminthes      d) Aschelminthes
2. In earthworm , respiration takes place through \_\_\_\_\_  
a) Pulmonary      b) Buccal cavity      c) Gills      d) Cutaneous
3. The period of life cycle of *Eudrilulus euginae* is \_\_\_\_\_  
a) 70-73 days      b) 110-115 days      c) 46-50 days      d) 60- 65 days
4. \_\_\_\_\_ soil is coarse texture  
a) Laterite soil      b) clay soil      c) Black soil      d) Alluvial soil
5. The pH for culturing the earthworm is \_\_\_\_\_  
a) 8      b) 7      c) 6      d) 7-8

ANSWER THE FOLLOWING IN ONE OR TWO SENTENCES

(K2)

6. Define epigeic worms
7. Define hermaphrodite
8. Give some examples of predators of earthworm
9. Define biomass
10. Define vermiculture

SECTION - B (5 X 8 = 40 MARKS)

ANSWER ANY FIVE QUESTIONS OUT OF EIGHT QUESTIONS. (K3)

11. Write the systematic position of Earthworm
12. Describe the excretory system of earthworm
13. Discuss the life cycle of earthworm
14. How do we maintain the composting pit ?
15. List out the application of vermiwash
16. Write the nutrient value of vermicompost
17. Write the procedure of preparation of vermibed
18. Discuss the male and female reproductive system of earthworm