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Question Paper Code: 58A63

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2018

One Credit

Agriculture Engineering

15UAG863- VERMICOMPOST TECHNOLOGY

(Regulation 2015)

Duration: 1.30 hours

Maximum: 50 Marks

Answer ALL Questions

PART A - (6 x 1 = 6 Marks)

1. Worm casts popularly called
(a) White gold (b) Black gold (c) Blue gold (d) Green gold
2. "Friend of farmer" _____
(a) Poultry (b) Butterflies (c) Cowd (d) Earthworms
3. Vermicompost rich in _____
(a) Nutrients (b) Water (c) Oxygen (d) All the above
4. Thermo tolerant variety of earthworm _____
(a) Lumbricusrubellus (b) Eiseniafoetida (c) Eudriluseugeae (d) All the above
5. Vermicompost ready for _____ days
(a) 45 (b) 60 (c) 38 (d) 52
6. Earthworm body weight _____ g
(a) 0.5-0.6 (b) 20-25 (c) 50-70 (d) 31-41

PART – B (6 x 2= 12 Marks)

7. What is bedding ?
8. List out the suitable earthworms.
9. Define cement method of vermicomposting.
10. List any two uses of earth worms.
11. Define worm casts.

PART – C (2 x 16= 32 Marks)

12. (a) Steps and process of vermicomposting. (16)
- Or
- (b) Explain details about Materials for preparation of Vermicompost. (16)
13. (a) Draw neat sketch of vermicomposting method .write the advantages and disadvantages of vermicomposting. (16)
- Or
- (b) Define vermicomposting? Precautions during the vermicoposting process. (16)