

Reg. No. :

--	--	--	--	--	--	--	--	--	--

Question Paper Code: 58A63

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2019

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. "Vermi" stands for _____
(a) Insects (b) Earthworms (c) Spider (d) All the above
2. Earthworm consume various organic wastes and reduce the volume of _____
(a) 10-25% (b) 20-35% (c) 50 -60 % (d) 30-45%
3. Vermicompost rich in _____
(a) Nutrients (b) Water (c) Oxygen (d) All the above
4. Vermicompost contains _____ percentage of nitrogen
(a) 0.50-1.50 (b) 2.0-3.50 (c) 2.25-5.50 (d) All the above
5. Vermicompost ready for _____ days
(a) 45 (b) 60 (c) 38 (d) 52
6. Vermi composting increase the _____
(a) Soil structure (b) Texture (c) Aeration (d) All the above

PART – B (6 x 2= 12 Marks)

7. Define vermicompost.
8. Define composting.
9. What is pit method.
10. List out the material used for preparation of vermicompost.
11. Define agricultural waste with suitable example.

PART – C (2 x 16= 32 Marks)

12. (a) Explain Importances of vermicomposting. (16)
- Or
- (b) Discuss the methods of vermicomposting. (16)
13. (a) Explain details about Compost maturity analysis. (16)
- Or
- (b) Explain detail about characterization of vermicomposting. (16)