



**TELANGANA TRIBAL WELFARE  
RESIDENTIAL DEGREE COLLEGE FOR  
WOMEN, MEDAK**

**AFFILIATED TO OSMANIA UNIVERSITY, HYDERABAD  
INDIRA GANDHI STADIUM, YTC BUILDING, MEDAK**

**Website: [Telangana Tribal Welfare Residential Degree College\(ttwrdds.ac.in\)](http://Telangana Tribal Welfare Residential Degree College(ttwrdds.ac.in))**



**QUESTION PAPER  
VERMICULTURE**

**25 Questions 2 marks each –Total 50 marks.**

**1. For vermicomposting, this species of earthworm is not apt**

- (a) Perionyx excavates
- (b) Pheretima posthuma
- (c) Eudrilus eugeniae
- (d) Eiseniafetidae

**2. The process in which earthworms are used to degrade organic wastes is**

- (a) Compost bedding
- (b) Humus forming
- (c) Vermicomposting
- (d) None

**3. Kitchen wastes and animal excreta can be minimized most profitably via**

- (a) vermiculture
- (b) biogas production
- (c) direct usage as bio fertilizers
- (d) storing in under ground storage tanks

**(e) 4. The process of covering spawned compost with a suitable material is known as**

- (a) cropping
- (b) casing

- (c) spawning
- (d) composting

**5. While burrowing, the anterior ends of earthworms become turgid serving as a hydraulic skeleton though they do not possess a skeleton. This is as a result of**

- (a) setae
- (b) gut peristalsis
- (c) coelomic fluid
- (d) none of the above

**6. This is apt for vermicomposting**

- (a) Algae
- (b) Nitrifying bacteria
- (c) Earthworms
- (d) Fungus

**7. Vermicomposting**

- (a) toxic material
- (b) organic bio fertilizer
- (c) inorganic fertilizer
- (d) synthetic fertilizer

**8. This can be the best worm for composting**

- (a) pink worms
- (b) red wigglers
- (c) maggots
- (d) does not matter

**9. In earthworms, typhlosome is a**

- (a) excretory structure
- (b) a circulatory system structure

(c) fold of intestine

(d) defence mechanism

**10. Which of the following nutrients is abundantly found in worm castings?**

(a) Phosphorus

(b) Nitrogen

(c) Calcium and other minerals

(d) All of these

**11. Which of the following is a mixture of ingredients used to fertilizer and improve the soil?**

a. Phosphate fertilizers

b. Mycelium

c. Compost

d. Alfa-Alfa

**12. Which of the following earthworm species is commended for vermicomposting?**

a. *Euripus Eugenia*

b. *Eugenia fetida*

c. *Perionyx excavatus*

d. *Pheretima Posthuma*

**13. Which of the following worms are used for vermicomposting?**

a. Flat worm

b. Round worm

c. Red worm

d. Pin worm

**14. The use of earth worms to convert organic waste into fertilizer is known as:**

a. Vermiculture

b. Composting

c. Vermicomposting

d. None of these

**15. Which of the following methods uses earthworms during composting?**

a) Vermicomposting

b) Vertical composting

c) Windrow composting

d) Burning

**16. Which of the following is not a major objective of Vermicomposting?**

a) To elevate the value of original material

b) To accelerate the rate of degradation

c) To obtain toxic products

d) To obtain products free of any pollutants

**17. Which among the following is not a major reason for choosing earthworms for Vermicomposting?**

a) Low incubation time

b) Digestion rate

c) Adaptability

d) Low growth rate

**18. Which of the following species of earth worm is not suitable for Vermicomposting?**

a) *Epiphysis*

- b) *Endogens*
- c) *Aneciques*
- d) *Plasmodium*

19. Which of the following species has as horter body size?

- a) *Epiphysis*
- b) *Endogens*
- c) *Aneciques*
- d) *Eudrilus*

20. Which of the following species is most stable in Indian conditions?

- a) *Perionyx*
- b) *Epiphysis*
- c) *Endogens*
- d) *Aneciques*

21. Which of the following cannot be established properly in the field?

- a) *Eisenia foetida*
- b) *Perionyx*
- c) *Epifilis*
- d) *Aneciques*

22. Which of the following is not a method of worm cast harvesting or manufacturing?

- a) Homogenization
- b) Active feeding
- c) Drying under adequate light
- d) Separation of cocoons

23. What is the major advantage of three-tire vermi-culture technology?

- a) It can be applied to both solid and liquid wastes
- b) It cannot be applied to both solid and liquid wastes
- c) It involves chemical treatment
- d) It can degrade organic wastes

24. Which of the following is a mixture of ingredients used to fertilize and improve the soil?

- a. Phosphatic fertilizers
- b. Mycelium
- c. Compost
- d. Alfa-

Alfa Answer: c. Compost

25. Which of the following earthworm species is not recommended for vermicomposting?

- a. *Eudrilus eugeniae*
- b. *Eisenia fetida*
- c. *Perionyx excavates*
- d. *Pheretima Posthuma*

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