

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 600 086
(For candidates admitted during the academic year 2011- 12 and thereafter)

SUBJECT CODE: 11BT/GE/WM44

B.A./B.Sc./B.Com./ /B.S.W/B.V.A./B.C.A. DEGREE EXAMINATION

APRIL - 2015

COURSE: GENERAL ELECTIVE
PAPER : WASTE MANAGEMENT

TIME: THREE HOURS
MAX. MARKS: 100

SECTION-A

ANSWER ALL QUESTIONS IN 50 WORDS EACH.

(10 x 3 =30)

1. Sludge
2. Liquid waste
3. Difference between Detrivores and Geophages
4. Kitchen waste
5. Enemies of earthworms
6. Disinfection of drinking water
7. Reverse osmosis
8. Ingredients to be avoided for composting
9. Principle of Composting
10. Biodegradable waste

SECTION-B

ANSWER ANY SIX QUESTIONS IN 200 WORDS EACH

(6 x 5 = 30)

(Draw labeled diagrams wherever necessary)

11. Draw the flow chart for compost factory
12. What is e-waste? How will you recycle it?
13. Write short notes on Septic Tank.
14. Explain the Vermiwash unit.
15. Give an account of any one test to check the purity of water.
16. Explain the process of recycling paper.
17. Define waste and write a note on industrial waste.
18. Explain the importance of earthworms in Agriculture.

SECTION-C

ANSWER ANY TWO QUESTIONS IN 1000 WORDS EACH

(2 x 20 = 40)

(Draw labeled diagrams wherever necessary)

19. Describe in detail the Municipal, Kitchen and Garden wastes, its sources and generation.
20. Explain the Heap and Pit method of Vermicomposting.
21. Describe in detail the steps involved in a typical water purification plant
22. Define Sewage. Explain in detail the sewage treatment.
