

Total No. of Questions - []

Total No. of Printed Pages:

G.R. No.	
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~~December~~
~~May/August~~ 2021 / INSEM+ENDSEM
F. Y. M. TECH. (WREE) (SEMESTER - I)
COURSE NAME: Solid and Hazardous Waste
COURSE CODE: CVPA11205A
(PATTERN 2020)

Time: [3 Hours]

[Max. Marks: 60]

(*) Instructions to candidates:

- 1) All Questions are compulsory
- 2) Figures to the right indicate full marks.
- 3) Use of scientific calculator is allowed
- 4) Use suitable data where ever required

Q.1) a) What are the Physical, Chemical and Biological Properties of Solid Waste? (5 Marks)

b) State the Functional Elements of Solid Waste Management. (5 Marks)

Q.2) a) Write a Note on Collection System of Solid Waste. (5 Marks)

b) What are the types of Transfer Station of Solid Waste? (5 Marks)

Q.3) a) Write a Note on Material Recovery and Recycling of Solid Waste. (5 Marks)

b) Write a note on Waste Processing Techniques-Mechanical volume and size reduction. (5 Marks)

Q.4) a) Write a note on Vermicomposting. (5 Marks)

b) Write down the properties of Composting. (5 Marks)

Q.5) Write down the classification of Biomedical Waste. (5 Marks)

b) What are the sources of Biomedical Waste? (5 Marks)

Q.6) a) What are the characteristics of Hazardous Waste? (5 Marks)

b) What is the design approach of Hazardous Waste Disposal? (5 Marks)
