

Program: BE Civil Engineering
Curriculum Scheme: Revised 2016
Examination: BE Semester VII

Course Code: CE-DLO7042 and Course Name: Solid Waste Management
Time: 1 hour Max. Marks: 50

=====

Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	Which of these is not a characteristic of hazardous waste
Option A:	Reactivity
Option B:	Ignitability
Option C:	Permeability
Option D:	Reactivity
Q2.	What is the order of waste management hierarchy, from most to least favoured
Option A:	Prevention-Recycle-Reuse-Disposal
Option B:	Prevention-Reuse-Disposal-Recycle
Option C:	Prevention-Disposal-Reuse-Recycle
Option D:	Prevention-Reuse-Recycle-Disposal
Q3.	Which one of the following parameters is not included in routine characteristics of solid waste for its physical composition?
Option A:	moisture content
Option B:	density
Option C:	particle size analysis
Option D:	energy value
Q4.	Which of the following is biodegradable waste?
Option A:	Polythene bags
Option B:	synthetic fibre
Option C:	Food Waste
Option D:	paper
Q5.	Tilt frame container is a type of
Option A:	Hauled container system
Option B:	stationary container system
Option C:	Alley collection system
Option D:	Curbside collection
Q6.	The house owner is responsible for placing refuse containers at the curb. This type of collection is called
Option A:	Curbside collection

Option B:	Hauled container collection
Option C:	Backyard collection
Option D:	Alley collection
Q7.	Which of the following is not includes in 3R's?
Option A:	Reuse
Option B:	Recycle
Option C:	Refuse
Option D:	Reduce
Q8.	Level site is a kind of
Option A:	Curbside collection method
Option B:	Hauled container system
Option C:	Transfer station
Option D:	stationary container
Q9.	Which method is not helpful in planning vehicle routes?
Option A:	Heuristic
Option B:	Deterministic
Option C:	Probabilistic
Option D:	Deterministic-Heuristic
Q10.	Self loading or manually loaded vehicles are used in
Option A:	stationary container system
Option B:	Hauled container system
Option C:	Curbside collection
Option D:	Alley collection system
Q11.	To achieve quick loading and transfer of waste from primary to secondary vehicles, _____ is used.
Option A:	Split Level site
Option B:	Level site
Option C:	Landfill site
Option D:	Abandoned site
Q12.	Using old newspapers to make recycled paper is an example of
Option A:	Reduce
Option B:	Reuse
Option C:	Repurpose
Option D:	Refresh
Q13.	What is the purpose of air pollution control equipment in an incineration plant?
Option A:	to control Nox, Sox, Suspended Particulates
Option B:	to control CH4
Option C:	to control H2S
Option D:	to clean the furnace

Q14.	In C/N ratio to increase Nitrogen content, what is added to waste ?
Option A:	Saw dust
Option B:	Straw
Option C:	Slaughter house waste, blood
Option D:	Paper
Q15.	Which of the following is a biological aerobic treatment of solid waste?
Option A:	Composting
Option B:	Landfilling
Option C:	Incineration
Option D:	Pyrolysis
Q16.	The anaerobic method of composting practised in India is
Option A:	Banglore Method
Option B:	Manglore Method
Option C:	Indore Method
Option D:	Delhi Method
Q17.	Which of the following method is not adopted for safe disposal biomedical waste
Option A:	Incineration
Option B:	Landfilling
Option C:	Autolaving
Option D:	Hydroclaving
Q18.	Thermophilic stage of the composting process is a
Option A:	moderate-temperature phase
Option B:	high-temperature phase
Option C:	Cooling phase
Option D:	Curing phase
Q19.	Sanitary landfills may cause troubles during
Option A:	Peak Winter
Option B:	Peak summer
Option C:	Peak Mansoons
Option D:	Dry season
Q20.	Which gas produced in open dumps from the decomposition of biodegradable waste?
Option A:	Ethane
Option B:	Methane
Option C:	Propane
Option D:	Ethene
Q21.	Wastes that are "harmful or fatal when ingested or absorbed
Option A:	Corrosive

Option B:	Acidic
Option C:	Alkaline
Option D:	Toxic
Q22.	Which of the following is a typical hazardous waste?
Option A:	Waste from nuclear plants
Option B:	Waste from paper industry
Option C:	Waste from hotel industry
Option D:	Waste from steel industry
Q23.	Which one of the following industries produced Sulfur dioxide and flu ash as pollutants?
Option A:	Thermal industries
Option B:	Textile industries
Option C:	Coal industries
Option D:	Cottage industries
Q24.	Which of the following is not a topmost components of e-waste which comprised of
Option A:	Clay
Option B:	Ferrous metal
Option C:	Plastic
Option D:	Non-ferrous meta
Q25.	Waste is created by electronic product is discarded after the end of its useful life is called
Option A:	Hazardous Waste
Option B:	Industrial waste
Option C:	Electronic Waste
Option D:	Biomedical waste

Program: BE Civil Engineering

Curriculum Scheme: Revised 2016

Examination: BE Semester VII

Course Code: CE-DLO7042 and Course Name: Solid Waste Management

Time: 1 hour

Max. Marks: 50

Question	Correct Option (Enter either 'A' or 'B' or 'C' or 'D')
Q1.	C.
Q2.	D.
Q3.	D.
Q4	C.
Q5	A.
Q6	A.
Q7	C.
Q8.	C.
Q9.	C.
Q10.	A.
Q11.	A.
Q12.	B.
Q13.	A.
Q14.	C.
Q15.	A.
Q16.	A

Q17.	B.
Q18.	B.
Q19.	C.
Q20.	B.
Q21.	D.
Q22.	A.
Q23.	A.
Q24.	A.
Q25.	C.