

Program: **BE Civil Engineering**

Curriculum Scheme: **Revised 2012**

Examination: **Fourth Year Semester: VIII**

Course Code: **CEE804** and Course Name: **Industrial Waste Treatment**

Time: 1 hour

Max. Marks: 50

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Q1.	What is the colour of the waste water after 6hr of a generation
Option A:	Grey
Option B:	Light brown
Option C:	Dark brown
Option D:	Dark grey
Q2.	Which of the following in not a volatile organic compound
Option A:	Hydrochloride acid
Option B:	Acetaldehyde
Option C:	Formaldehyde
Option D:	Dichloromethane
Q3.	Calculate BOD in mg/l, if D.O1 =10 mg/l , D.O5=8 mg/l and Dilution factor =100
Option A:	20
Option B:	200
Option C:	2
Option D:	0.2
Q4.	Water becomes clear and attractive in this zone
Option A:	Zone of degredation
Option B:	zone of active decomposition
Option C:	zone of recovery
Option D:	zone of clear water
Q5.	When polluttional load is discharged in to the stream, DO goes on reducing . This process is known as
Option A:	Deoxygenation
Option B:	Oxygenation
Option C:	Reduction
Option D:	Dissolving

Q6.	Streeter Phelps equation can be used for analysis of
Option A:	DO sag curve
Option B:	Zone 1 curve
Option C:	Oxydation curve
Option D:	Bandwidth on demand
Q7.	Do recovery in streams occure by photosynthesis and
Option A:	BOD
Option B:	Reaeration
Option C:	Decomposition
Option D:	Consumption
Q8.	what is the purpose of assay test?
Option A:	to evaluate bod content
Option B:	to evaluate pollution
Option C:	to evaluate possible harmful effects of effluents discharged into water bodies
Option D:	to evaluate acids and alkalinity of effluent
Q9.	On which The treatability of the hazardous waste depends ?
Option A:	carbon
Option B:	hydrocarbon
Option C:	nitrate
Option D:	sulphur
Q10.	When all the flow passes through the equalization basin and helps in achieving reducing fluctuations in pollutant concentration and flow rate is called as
Option A:	Off- line equalization
Option B:	In- line equalization
Option C:	proportioning
Option D:	sagregation of waste
Q11.	Trickling filter is used in which of the following wastewater treatment processes
Option A:	Primary treatment
Option B:	Advanced treatment
Option C:	Secondary treatment
Option D:	Final treatment
Q12.	Which product gases are released at the end of the UASB process reaction
Option A:	Carbon-dioxide
Option B:	Oxygen and carbon-dioxide

Option C:	Methane and carbon-dioxide
Option D:	Methane
Q13.	Maximum depth of anaerobic lagoon is
Option A:	3m
Option B:	2.5m
Option C:	4 m
Option D:	1 m
Q14.	After extraction of juice from sugar can the fibrous material is known as
Option A:	white strap
Option B:	sugar cane slices
Option C:	black strap
Option D:	bagass
Q15.	Bagass is used as a raw material in
Option A:	jute industry
Option B:	textile industry
Option C:	paper industry
Option D:	gunny bag industry
Q16.	black strap molasses may be used in
Option A:	wine manufacturing
Option B:	distilleries
Option C:	textile industry
Option D:	paper industry
Q17.	What is the purpose of EA?
Option A:	To determine possible impacts
Option B:	To determine possible benefits
Option C:	Analysis
Option D:	Clean-up
Q18.	What is not the characteristic of the EIA team
Option A:	Experience going to conferences
Option B:	Must be able to work in very hostile conditions
Option C:	Listen to others point of view
Option D:	Don't have good relationships with the authorities
Q19.	Which of the following is not the purpose of mitigation
Option A:	Find a way to do things in a better way

Option B:	Environmental Impact
Option C:	Prevent, minimize and remediate the negative impacts
Option D:	Restore social and environmental benefits
Q20.	What is a way to minimize impacts?
Option A:	Scale reduction or re-location of the proposal
Option B:	Change the EIA team
Option C:	Talk with the authorities
Option D:	To obtain a construction permit to start
Q21.	Meeting of the needs of the present without compromising the ability of future generations to meet their own needs is called
Option A:	waste management
Option B:	sustainable Development
Option C:	Clean Development mechanism
Option D:	forest management strategy
Q22.	Design of the piping system for CETP requires attention to the sulphide and sulphate content in the inlet effluent to prevent
Option A:	Reduced digestion of sludge
Option B:	Excessive gas formation
Option C:	corrosion of pipes
Option D:	Quick sedimentation
Q23.	Which protocol that laid down individual emission limitations and reduction commitment of greenhouse gases?
Option A:	UN convention on Environment and Development
Option B:	Kyoto protocol
Option C:	World summit on sustainable development
Option D:	Environmental Protection Act
Q24.	The detention period of oxidation tank is
Option A:	1 to 2 days
Option B:	30 to 60 second
Option C:	4 hours
Option D:	10 to 20 days
Q25.	Degradation of wastes by bacteria _____ dissolved oxygen In a flowing stream.
Option A:	Increases
Option B:	Decreases

Option C:	Maintains
Option D:	Improves

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Question	Correct Option (Enter either 'A' or 'B' or 'C' or 'D')
Q1	B
Q2	A
Q3	B
Q4	D
Q5	A
Q6	A
Q7	B
Q8	C
Q9	B
Q10	B
Q11	C
Q12	C
Q13	B
Q14	D
Q15	C
Q16	B
Q17	A
Q18	D
Q19	B
Q20	A
Q21	B
Q22	C
Q23	B
Q24	D
Q25	B