

Code No: 58043

INDUSTRIAL POLLUTION CONTROL ENGINEERING Objective Exam

Name: _____ Hall Ticket No.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I. Choose the correct alternative:

1. _____ kilns are a major source of dust generation in cement plants. []
a) Rotary b) Reciprocating c) Both a and b d) only b
2. Replacement of the open hearth furnace by _____ furnace in steel industry is an example of Equipment alteration. []
a) CO₂ b) Oxygen c) CO d) N₂
3. Waste water treatment processes can be broadly classified into _____ []
a) Physical b) Chemical c) Biological d) All of the above
4. In sedimentation the clear liquid produced is known as _____ []
a) solution b) underflow c) Over flow d) None of the above
5. Flotation is used primarily for treating industrial wastewater containing _____ []
a) Finely divided suspended solids b) oily matter c) both a and b d) None of the above
6. Types of sedimentation tanks _____ []
a) Rectangular horizontal flow b) Circular radial flow
c) Vertical Flow d) All of the above
7. _____ filters are used for dewatering digested sludge. []
a) Plate and frame pressure filters b) Vacuum filters c) Pressure leaf filters d) All of the above
8. The common unit operations of sludge treatment and disposal involve _____ []
a) Thickening b) digestion c) conditioning d) All of the above
9. Chlorination is used to prevent _____ []
a) Air borne diseases b) Water borne diseases c) Genetic changes d) none of the above
10. Hazardous waste may be classified according to which of the following characteristics? []
a) Reactivity b) Corrosivity c) Toxicity d) All of the above.

Cont.....2

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:2:

Set No. 1

II Fill in the Blanks:

11. Examples involving process changes include_____.
12. _____ efficiency measures the system performance.
13. Methods of waste disposal include_____
14. _____equation for calculating the terminal settling velocity of the particle.
15. he bacterial growth pattern has four distinct phases. Name them.
16. Write Monod Equation._____
17. _____processes convert the waste into an insoluble ,rock hard material.
18. Sludge volume Index (SVI)=_____
19. _____is the method primarily used to destroy toxic cyanide molecules.
20. An _____system includes passing dry, clean air through a high voltage electric discharge.

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Objective Exam

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I. Choose the correct alternative:

1. In sedimentation the clear liquid produced is known as _____ []
a) solution b) underflow c) Over flow d) None of the above
2. Flotation is used primarily for treating industrial wastewater containing _____ []
a) Finely divided suspended solids b) oily matter c) both a and b d) None of the above
3. Types of sedimentation tanks _____ []
a) Rectangular horizontal flow b) Circular radial flow
c) Vertical Flow d) All of the above
4. _____ filters are used for dewatering digested sludge. []
a) Plate and frame pressure filters b) Vacuum filters c) Pressure leaf filters d) All of the above
5. The common unit operations of sludge treatment and disposal involve _____ []
a) Thickening b) digestion c) conditioning d) All of the above
6. Chlorination is used to prevent _____ []
a) Air borne diseases b) Water borne diseases c) Genetic changes d) none of the above
7. Hazardous waste may be classified according to which of the following characteristics? []
a) Reactivity b) Corrosivity c) Toxicity d) All of the above.
8. _____ kilns are a major source of dust generation in cement plants. []
a) Rotary b) Reciprocating c) Both a and b d) only b
9. Replacement of the open hearth furnace by _____ furnace in steel industry is an example of Equipment alteration. []
a) CO₂ b) Oxygen c) CO d) N₂
10. Waste water treatment processes can be broadly classified into _____ []
a) Physical b) Chemical c) Biological d) All of the above

Cont.....2

Code No: 58043

:2:

Set No. 2

II Fill in the Blanks:

11. _____ equation for calculating the terminal settling velocity of the particle.
12. The bacterial growth pattern has four distinct phases. Name them.
13. Write Monod Equation. _____
14. _____ processes convert the waste into an insoluble, rock hard material.
15. Sludge volume Index (SVI)= _____
16. _____ is the method primarily used to destroy toxic cyanide molecules.
17. An _____ system includes passing dry, clean air through a high voltage electric discharge.
18. Examples involving process changes include _____.
19. _____ efficiency measures the system performance.
20. Methods of waste disposal include _____

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I. Choose the correct alternative:

1. Types of sedimentation tanks _____ []
a) Rectangular horizontal flow b) Circular radial flow
c) Vertical Flow d) All of the above

2. _____ filters are used for dewatering digested sludge. []
a) Plate and frame pressure filters b) Vacuum filters c) Pressure leaf filters d) All of the above

3. The common unit operations of sludge treatment and disposal involve []
a) Thickening b) digestion c) conditioning d) All of the above

4. Chlorination is used to prevent _____ []
a) Air borne diseases b) Water borne diseases c) Genetic changes d) none of the above

5. Hazardous waste may be classified according to which of the following characteristics? []
a) Reactivity b) Corrosivity c) Toxicity d) All of the above.

6. _____ kilns are a major source of dust generation in cement plants. []
a) Rotary b) Reciprocating c) Both a and b d) only b

7. Replacement of the open hearth furnace by _____ furnace in steel industry is an example of Equipment alteration. []
a) CO₂ b) Oxygen c) CO d) N₂

8. Waste water treatment processes can be broadly classified into _____ []
a) Physical b) Chemical c) Biological d) All of the above

9. In sedimentation the clear liquid produced is known as _____ []
a) solution b) underflow c) Over flow d) None of the above

10. Flotation is used primarily for treating industrial wastewater containing []
a) Finely divided suspended solids b) oily matter c) both a and b d) None of the above

Cont.....2

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:2:

Set No. 3

II Fill in the Blanks:

11. Write Monod Equation. _____
12. _____ processes convert the waste into an insoluble ,rock hard material.
13. Sludge volume Index (SVI)= _____
14. _____ is the method primarily used to destroy toxic cyanide molecules.
15. An _____ system includes passing dry, clean air through a high voltage electric discharge.
16. Examples involving process changes include _____.
17. _____ efficiency measures the system performance.
18. Methods of waste disposal include _____
19. _____ equation for calculating the terminal settling velocity of the particle.
20. he bacterial growth pattern has four distinct phases. Name them.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I. Choose the correct alternative:

1. The common unit operations of sludge treatment and disposal involve []
a) Thickening b) digestion c) conditioning d) All of the above
2. Chlorination is used to prevent _____ []
a) Air borne diseases b) Water borne diseases c) Genetic changes d) none of the above
3. Hazardous waste may be classified according to which of the following characteristics? []
a) Reactivity b) Corrosivity c) Toxicity d) All of the above.
4. _____ kilns are a major source of dust generation in cement plants. []
a) Rotary b) Reciprocating c) Both a and b d) only b
5. Replacement of the open hearth furnace by _____ furnace in steel industry is an example of Equipment alteration. []
a) CO₂ b) Oxygen c) CO d) N₂
6. Waste water treatment processes can be broadly classified into _____ []
a) Physical b) Chemical c) Biological d) All of the above
7. In sedimentation the clear liquid produced is known as _____ []
a) solution b) underflow c) Over flow d) None of the above
8. Flotation is used primarily for treating industrial wastewater containing []
a) Finely divided suspended solids b) oily matter c) both a and b d) None of the above
9. Types of sedimentation tanks _____ []
a) Rectangular horizontal flow b) Circular radial flow
c) Vertical Flow d) All of the above
10. _____ filters are used for dewatering digested sludge. []
a) Plate and frame pressure filters b) Vacuum filters c) Pressure leaf filters d) All of the above

Cont.....2

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:2:

Set No. 4

II Fill in the Blanks:

11. Sludge volume Index (SVI)=_____
12. _____is the method primarily used to destroy toxic cyanide molecules.
13. An _____system includes passing dry, clean air through a high voltage electric discharge.
14. Examples involving process changes include_____.
15. _____ efficiency measures the system performance.
16. Methods of waste disposal include_____
17. _____equation for calculating the terminal settling velocity of the particle.
18. He bacterial growth pattern has four distinct phases. Name them.
19. Write Monod Equation._____
20. _____processes convert the waste into an insoluble ,rock hard material.

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