



9497498415 | 16 | 17

ANSWER KEY

**QUIZ NO: 743** 

### **TOPIC: ENVIRONMENTAL ENGINEERING**

DATE: 03/08/2023

L.	The	average	standard	BOD	of	domestic	sewage	is	measured	in
			<b>.•</b>							
	[A] p	pm								
	[B] k	g/day								
	[C] k	Kg per per	son per day							
	[D] N	Number o	f persons pe	er day						
	Ansv	wer: C								
2.		ch of the	e following	g id th	e co	orrect exp	pression (	of p	oopulation	
	[A] E	BOD of in	dustrial sew	age in k	cg/d	ay * 0.08				
	[B] 0	.08 * BOD	of industri	al sewa	ge k	g/day				
	[C] E	BOD of inc	dustrial sew	age kg/	day	/ 0.08kg/p	erson/day			

[D] BOD of industrial sewage kg/day + 0.08

**Answer: C** 





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3.	The oxidizing agent used in COD test is
•	The omenzing agent does in cost test is

- [A] Potassium chloride
- [B] Potassium per-manganate
- [C] Potassium chromate
- [D] Potassium dichromate

Answer: D

#### 4. Which of the following has minimum detention period?

- [A] Grit chamber
- [B] Sedimentation tank
- [C] Oxidation ditch
- [D] Oxidation pond

Answer: A

#### 5. Which of the following has a minimum detention period?

- [A] Sludge digestion tank
- [B] Primary sedimentation
- [C] Skimming tank
- [D] Oxidation pond

Answer: C

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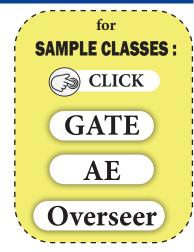
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- 6. Which of the following device is used for the removal of oil and grease?
  - [A] Skimming tank
  - [B] Grit chambers
  - [C] Tube settlers
  - [D] Flocculator

Answer: A

7. The BOD after the filtration of sewage from the low rate of trickling

filter is

$$[A] 40 - 50\%$$

Answer: C

- 8. The organic loading in a trickling filter is measured in
  - [A] m³/day
  - [B] gm/m<sup>2</sup>/day
  - [C] kg/hector -meter /day
  - [D] kg/hector /day

Answer: C





KIVAIDROM | KOLLAWI | EKVIVAKOLAW

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- 9. The sewage treatment units, which work on aerobic decomposition of organic matter, are:
  - [A] Trickling filter
  - [B] Imhoff tanks
  - [C] Sludge digestion
  - [D] None of these

Answer: A

- 10. Which of the following filter is used in anaerobic treatment of sewage
  - [A] Intermittent sand
  - [B] Trickling filter
  - [C] Contact filter
  - [D] Up flow anaerobic filter

**Answer: D** 

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