

For more Civil Engineering Study Material
English Channel: [Simplified Learning](#)
Hindi Channel: [Civil Engineering in Hindi Simplified Learning](#)

Natural Methods of Wastewater Disposal [Wastewater Engineering]



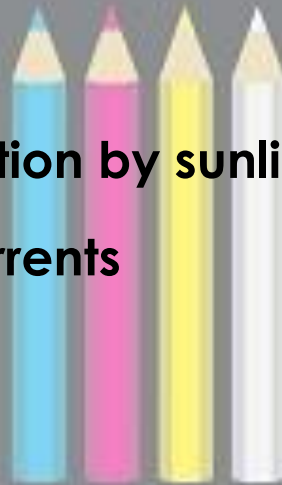
1. **Main Channel:** www.youtube.com/simplifiedlearning
2. **Hindi Channel:** www.youtube.com : Civil Engineering in Hindi – Simplified Learning
3. **Telegram Channel :** [t/simplifiedlearning](https://t.me/simplifiedlearning)
4. **Instagram :** www.instagram.com/simplifiedlearning

For more Civil Engineering Study Material

English Channel: [Simplified Learning](#)

Hindi Channel: [Civil Engineering in Hindi Simplified Learning](#)

Self purification of river consists factors such as



(A) Dilution and disinfection by sunlight

(B) Dispersion due to currents

(C) Sedimentation

(D) All of the above

ANSWER: (D) All of the above

[Click here for
explanation in
English](#)

[Click here for
explanation in
Hindi](#)

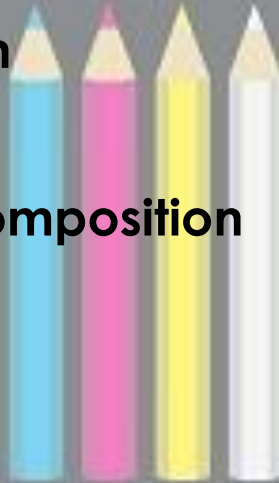
For more Civil Engineering Study Material

English Channel: [Simplified Learning](#)

Hindi Channel: [Civil Engineering in Hindi Simplified Learning](#)

In DO sag curve, least amount oxygen is present in

- (A) Zone of degradation
- (B) Zone of recovery
- (C) Zone of active decomposition
- (D) None of the above



ANSWER: (C) Zone of active decomposition

[Click here for
explanation in
English](#)

[Click here for
explanation in
Hindi](#)

For more Civil Engineering Study Material

English Channel: [Simplified Learning](#)

Hindi Channel: [Civil Engineering in Hindi Simplified Learning](#)

The raw sewage can be directly discharged into natural streams without any treatment if dilution factor is

- (A) Above 500
- (B) Between 300 to 500
- (C) Below 150
- (D) None of the above



ANSWER: (A) Above 500

[Click here for
explanation in
English](#)

[Click here for
explanation in
Hindi](#)

For more Civil Engineering Study Material

English Channel: [Simplified Learning](#)

Hindi Channel: [Civil Engineering in Hindi Simplified Learning](#)

Wastewater can be discharged directly into natural streams when

(A) It is fresh

(B) It contains floating impurities

(C) Industrial wastewater is mixed with it

(D) None of the above



ANSWER: (A) It is fresh

[Click here for
explanation in
English](#)

[Click here for
explanation in
Hindi](#)

For more Civil Engineering Study Material

English Channel: [Simplified Learning](#)

Hindi Channel: [Civil Engineering in Hindi Simplified Learning](#)

When wastewater is discharged into natural stream, organic matter present in it may undergo

- (A) Oxidation only
- (B) Reduction only
- (C) Both oxidation and reduction
- (D) None of the above



ANSWER: (C) Both oxidation and reduction

[Click here for
explanation in
English](#)

[Click here for
explanation in
Hindi](#)

For more Civil Engineering Study Material

English Channel: [Simplified Learning](#)

Hindi Channel: [Civil Engineering in Hindi Simplified Learning](#)

Sunlight aids in self purification in following way/ways

- (A) It carries out disinfection
- (B) It helps growth of oxygen giving algae
- (C) It helps micro organisms to absorb carbon dioxide
- (D) All of the above



ANSWER: (D) All of the above

[Click here for
explanation in
English](#)

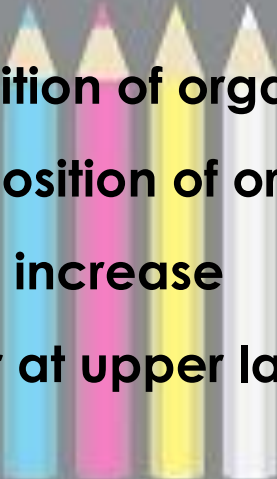
[Click here for
explanation in
Hindi](#)

For more Civil Engineering Study Material

English Channel: [Simplified Learning](#)

Hindi Channel: [Civil Engineering in Hindi Simplified Learning](#)

Due to sedimentation process in self purification of river

- 
- (A) Aerobic decomposition of organic matter is boosted
 - (B) Anaerobic decomposition of organic matter is boosted
 - (C) River pollution level increase
 - (D) DO level of the river at upper layer increase

ANSWER: (B) Anaerobic decomposition of organic matter is boosted

[Click here for
explanation in
English](#)

[Click here for
explanation in
Hindi](#)

For more Civil Engineering Study Material

English Channel: [Simplified Learning](#)

Hindi Channel: [Civil Engineering in Hindi Simplified Learning](#)

In zone of degradation of a river being polluted by wastewater discharge, DO level may fall up to _____ % of saturation level

- (A) 10
- (B) 20
- (C) 30
- (D) 40



ANSWER: (D) 40

[Click here for
explanation in
English](#)

[Click here for
explanation in
Hindi](#)

For more Civil Engineering Study Material

English Channel: [Simplified Learning](#)

Hindi Channel: [Civil Engineering in Hindi Simplified Learning](#)

If dilution factor is below 150, then wastewater needs to undergo following process/processes before it gets discharged in to river

- (A) Only plain sedimentation
- (B) Sedimentation and chemical precipitation
- (C) Primary and secondary treatment
- (D) Primary, secondary and tertiary treatment



ANSWER: (C) Primary and secondary treatment

[Click here for
explanation in
English](#)

[Click here for
explanation in
Hindi](#)