

QUIZ NO: 666

TOPIC: FLUID MECHANICS

DATE: 08/12/2022

1. For a horizontal surface the centre of pressure is _____ centre of gravity:

- [A] Above
- [B] Below
- [C] Coincides
- [D] None

Answer: C

2. The properties of cohesion and adhesion result in:

- [A] Compressibility
- [B] Capillarity
- [C] Viscosity
- [D] Density

Answer: B

3. The shear stress- velocity gradient curve is linear for _____ fluids:

- [A] Newtonian fluids
- [B] Dilatant fluids
- [C] Pseudo plastic
- [D] Non-Newtonian fluids

Answer: A

4. The terminal velocity of a sphere settling in a viscous fluid varies as:

- [A] Reynold's number
- [B] Inversely proportional to viscosity
- [C] Directly proportional to viscosity
- [D] Its diameter

Answer: B

5. surface tension has the units of force per _____

- [A] Unit length
- [B] Unit volume
- [C] Unit weight
- [D] None of the above

Answer: A

To PURCHASE Our COURSES

CLICK

LIVE CLASSES	DIRECT CLASSES
Assistant Engineer Standard 2022	Assistant Engineer, Polytechnic-Lecturer-Civil- Aug 27
Overseer Standard 2022	GATE 2023
Assistant Engineer Courses	Overseer Courses
KWA Assistant Engineer	Overseer Grade I - Economical
KWA Civil and Chemical Combo	Junior Instructor Surveyor
Assistant Engineer/ Overseer Grade I	Irrigation LSGD Overseer
Assistant Professor - Part A	
GATE 2023 Civil Pre-recorded	
TEST SERIES (With detailed solution)	
Online Test Series Combo	AE PCB Test series
AE Test Series	SSC JE Subject wise
OVERSEER Test Series	GATE 2022 Test Series
ISRO Test Series	Full length tests – GATE
SSC JE CIVIL Test Series	Topicwise tests for GATE
SSC JE Full Length Tests	Subjectwise Test series – GATE
e - BOOKS	
HANDWRITTEN NOTES – e- book	Quick Reference For AE and Overseer – e Book
e – Book for Civil Engineering INTERVIEWS	Overseer PYQ detailed – e Book
150 PYQ e - book	Civil Engineering MCQ – e Book
Mechanical Engineering e - Book	Gate Civil Engineering - e Book

90 Days Course!
Now at an offer price
Rs.5000/-
+ Tax only

MAKE YOUR DREAM JOB A REALITY

KWA ASSISTANT ENGINEER PRE-RECORDED CLASSES

- 500+ Hours of Pre-Recorded Classes
- Assessment Test with Each Video
- Full Syllabus Coverage
- Faculty Support
- Live Interactive Quizzing Sessions
- Live Discussion Support
- Offline Streaming
- Mock Tests

For More Details
9497 498 417
9097 440 099

www.civilianz.com

Available on Google Play and App Store

POLYTECHNIC LECTURER CIVIL ENGG.

PRE-RECORDED Online Classes

Available in CivilApp, Google Play, App Store

For More Details
9497 498 417
9097 440 099

www.civilianz.com

Course Features

- Experienced faculty team
- Unlimited streaming of recorded sessions within the course period
- Assessment test with each video lesson
- Handwritten notes - e Book
- Model Tests
- Onboard support & doubt clearance through discussion board

#Learn from the Best

Connect with us

CLICK

- ✉ elearncivilianz@gmail.com
- ☎ 9497 498 415
- 📘 civilianz
- 🏠 Clubhouse
- 📝 Civilianz Blog
- 📷 Civilianz_official
- 🗨 Civil study Circle
- 📺 Civilianz
- 🌐 WWW.CIVILIANZ.COM
- 📺 Telegram Job Channel

for SAMPLE CLASSES : **AE** **GATE** **Overseer**

6. A hydraulic jump occurs in a channel

- [A] Whenever the flow is supercritical
- [B] If the flow is controlled by a sluice gate
- [C] If the bed slope changes from mild to steep
- [D] If the bed slope changes from steep to mild

Answer: A

7. Of all the power plants, hydel is more disadvantageous when one compares the:

- [A] Cost of energy resource
- [B] Technical skill required
- [C] Economics that determine the choice of plant.
- [D] Nearness to load centre

Answer: D

8. A Pelton wheel is ideally suited for:

- [A] Low head and low discharge
- [B] High head and high discharge
- [C] High head and low discharge
- [D] Medium head and medium discharge

Answer: C

9. What should be the ratio of blade speed of jet speed for the maximum efficiency of a Pelton wheel?

- [A] $1/4$
- [B] $1/2$
- [C] $3/4$
- [D] 1

Answer: B

10. If the velocity of flow is halved and the diameter of pipe is doubled in a pipe system, the head loss will be?

- [A] Half
- [B] Double
- [C] 4 times
- [D] $1/8$ times

Answer: D

Join our social media platforms

