

QUIZ NO: 659

TOPIC: FLUID MECHANICS

DATE: 15/11/2022

1. A body floating in a liquid is in stable equilibrium if

[A] M below G

[B] M above G

[C] M at G

[D] G below B

Answer: B

2. In a water reservoir, the vertical gate provided for opening is a semicircular plate of diameter 3m, with diameter horizontal at the water surface, the total pressure on one side in kN is _____

[A] 2.21

[B] 22.1

[C] 222.1

[D] 2222.1

Answer: B

3. What is the value of atmospheric pressure at MSL under standard conditions?

- [A] 760mm of mercury
- [B] 10.33 m of water
- [C] 1 bar
- [D] All the above

Answer: D

4. Pick up the incorrect statement about buoyant force?

- [A] It always at vertically upwards
- [B] It is equal to weight of the fluid displaced by solid body
- [C] It acts through centre of gravity of displaced volume.
- [D] None of the above

Answer: D

5. At stagnation point, velocity of flow is?

- [A] Zero
- [B] Maximum
- [C] Minimum
- [D] Unity

Answer: A

To PURCHASE our COURSES

LIVE CLASSES	DIRECT CLASSES
Assistant Engineer Standard 2022	Kerala Water Authority Assistant Engineer
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 Prerecorded	
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

CLICK

KWA ASSISTANT ENGINEER
CIVIL MECHANICAL CHEMICAL

- Syllabus Based Classes
- 1 Year Duration
- Faculty Support

9097 550 099
9497 498 416

TRACER
70 DAYS COURSE PRE-RECORDED

Course Features

- Lecture നോട്ടുകൾ
- മുൻ വർഷ ചോദ്യപേപ്പർ
- നികച്ച അധ്യാപകരുടെ ക്ലാസ്സുകൾ
- Discussion സെഷനുകൾ
- ഓരോ ക്ലാസ്സിനൊന്നും Assessment സെസ്സ്
- 1500 ചോദ്യങ്ങളും അതിന്റെ വിശദമായ ഉത്തരങ്ങളുമടങ്ങിയ സെസ്സ് സിരീസ്

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

6. A U- tube manometer can measure

- [A] Suction pressure
- [B] Vacuum pressure
- [C] Gauge pressure
- [D] All of these

Answer: D

7. 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

8. Which one of the following sets of conditions clearly apply to an ideal fluid?

- [A] Viscous and compressible
- [B] Non-viscous and incompressible
- [C] Non-viscous and compressible
- [D] Viscous and incompressible

Answer: B

9. A horizontal pipe carries water has velocities 2m/s and 1m/s at the left and right ends. Find the pressure head difference?

- [A] g
- [B] 1/g
- [C] 1.5/g
- [D] 1.5g

Answer: C

10. The excess pressure in a soap bubble of 4mm diameter of fluid with surface tension 15 milli newton per meter is _____ N/m²

- [A] 10
- [B] 30
- [C] 4
- [D] 0.0004

Answer: B

Join our social media platforms

