

FLUID MECHANICS

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Quiz 10

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Review of preview

Started on	Monday, 2 January 2017, 06:28 AM
Completed on	Monday, 2 January 2017, 06:28 AM
Time taken	13 secs
Marks	0/5
Grade	0 out of a maximum of 10 (0%)

1 🚩 When a body is tilted slightly and then it returns back to its original position, it is known as:

Marks:
0/1

- Choose one answer.
- a. Neutral equilibrium ✗
 - b. Unstable equilibrium ✗
 - c. Archimedes equilibrium ✗
 - d. Stable equilibrium ✓

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Incorrect

Marks for this submission: 0/1.

2 🚩 This point about which the body starts oscillating is called the

Marks:
0/1

- Choose one answer.
- a. Metacentre ✓
 - b. Oscicentre ✗
 - c. Centre of buoyancy ✗
 - d. Centre of gravity ✗

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Incorrect

Marks for this submission: 0/1.

3 🚩 Metacentric height is the distance between:

Marks:
0/1

- Choose one answer.
- a. the centre of buoyancy of a floating body and the centre of gravity ✗
 - b. the centre of gravity of a floating body and the metacentre ✓
 - c. the centre of buoyancy of a floating body and the metacentre ✗
 - d. the centre of oscicentre of a floating body and the metacentre ✗

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Incorrect

Marks for this submission: 0/1.

4 🚩 If position of metacentre (M) remains lower than centre of gravity of body, it is said to be:

Marks:
0/1

- Choose one answer.
- a. Neutral equilibrium ✗
 - b. Unstable equilibrium ✓
 - c. Stable equilibrium ✗
 - d. Archimedes equilibrium ✗

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Incorrect

Marks for this submission: 0/1.

5 🚩 If the position of metacentre (M) coincides with centre of gravity of body, it is said to be a:

Marks:
0/1

- Choose one answer.
- a. Archimedes equilibrium ✗
 - b. Neutral equilibrium ✓
 - c. Unstable equilibrium ✗
 - d. Stable equilibrium ✗

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DE-2