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Unit 3 - Week 2

Assessment 2

The due date for submitting this assignment has passed. Due on 2016-08-05, 23:59 IST.
As per our records you have not submitted this assignment.

1) The aerodynamic forces acting on the aircraft depends on *1 point*

- Relative Ground Speed
- Wind Speed
- Relative Airspeed
- None of the Above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Relative Airspeed

2) For an Aircraft to be statically stable the value of should be *1 point*

- Positive
- Negative
- Zero
- None of the Above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Negative

3) A particle whose mass is 3.0 kg moves in the *xy* plane with velocity *2 points*

along the line y = 5.3 m. Find the angular momentum about the origin when the particle is at (12 m, 5.3 m).

No, the answer is incorrect.
Score: 0

Accepted Answers:

4) A force is applied to the particle. Find the torque about the origin due to *2 points*
this force as the particle passes through the point (12 m, 5.3 m).

No, the answer is incorrect.
Score: 0

Accepted Answers:

5) A arbitrary vector A in rotating body frame (B) having angular velocity ω can be represented in inertial frame (I) by *2 points*

No, the answer is incorrect.
Score: 0

Accepted Answers:

6) The gravitational force components along the x, y and z axes respectively can be written as *2 points*

No, the answer is incorrect.
Score: 0

Accepted Answers:

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