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MTH304 QUIZ.3 FILE

SOLVED BY SANAULLAH KHAN

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Subject Enrolment

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Final project (MTH620)

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The friction between two bodies is said to be ----- friction if one body slides along the other.

Select the correct option

☒	Static
☐	Dynamic
☐	None of these
☐	Limiting

Click to Save Answer & Move to Next Question

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MTH304 - Statics (QUIZ NO.3) Quiz Start Time: 02:40 PM, 09 September 2022

Question # 2 of 7 (Start time: 02:41:44 PM, 09 September 2022) Total Marks: 1

The force of friction depends upon

Select the correct option

☒	both of the given choices
☐	Nature of surface of contact
☐	material of object in contact
☐	none of the given choices

Reload Math Equations

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Question # 3 of 7 (Start time: 02:42:17 PM, 09 September 2022)

Total Marks: 1

If a particle is in limiting equilibrium on an inclined plane under its own weight, then the inclination of the plane ----- the magnitude of the angle of friction.

Select the correct option

- ☐ none of these
- ☒ Equals
- ☐ less than
- ☐ greater than

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Question # 4 of 7 (Start time: 02:42:48 PM, 09 September 2022)

Total Marks: 1

The ratio of limiting friction to the normal reaction is called the ----- of the friction.

Select the correct option

- ☐ Magnitude
- ☐ Direction
- ☐ none of these
- ☒ coefficient

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Question # 5 of 7 (Start time: 02:43:07 PM, 09 September 2022)

Total Marks: 1

If a body can have a smooth contact with every other body then such a body is said to be a ----- body.

Select the correct option

- ☐ Rough
- ☐ Rigid
- ☒ Smooth
- ☐ None of these

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MTH304 - Statics (QUIZ NO.3)

Quiz Start Time: 02:40 PM, 09 September 2022

Question # 6 of 7 (Start time: 02:43:38 PM, 09 September 2022)

Total Marks: 1

For a smooth contact, coefficient of friction is always.....

Select the correct option

Reload Math Equations

- ☐ $1/4$
- ☐ $1/2$
- ☒ 0
- ☐ 1

Click to Save Answer & Move to Next Question

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MTH304 - Statics (QUIZ NO.3) Quiz Start Time: 02:40 PM, 09 September 2022

Question # 7 of 7 (Start time: 02:44:11 PM, 09 September 2022) Total Marks: 1

The body will move only when

Select the correct option

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☐ Force of friction > applied force

☐ Force of friction = applied force

☐ Force of friction < applied force

☒ All of the given choices

Click to Save Answer & Move to Next Question

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