

For semester 1:

Sample paper for mid-term exams:

Total marks: 15

Q no. 1 Define following terms and write their S.I units.

5 marks

a) Gravitational acceleration

b) Frequency

Q no. 2 Find the value of ----- and calculate its percentage error.

5 marks

Q no. 3 Draw the graph between X and Y from the given data and find Z from the graph.

5 marks

X	Y

Sample paper for final term exams:

total marks 25

Q no.1 Tick \checkmark and X for true and false respectively.

7 marks

- a) Surface tension is a scalar quantity.
- b) Moment of inertia is shape dependent.
- c)
- d)
- e)

Q no.2 Define the following terms and write their S.I units:

8 marks

- a) Surface tension
- b) Moment of inertia
- c) -----
- d) -----

Q no. 3 Calculate the value of-----and find its %age error

5 marks

Q no. 4 Draw the graph between X and Y and find Z.

5 marks

X	Y

Or

Draw and label the schematic diagram of -----