

For semester 2:

Sample paper for mid-term exams:

Total marks: 15

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

5 marks

- a) Thermal emf
- b) Specific rotation

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) Speed of sound is medium independent.
- b) Resistance increases with increasing temperature.
- c)
- d)
- e)
- f)
- g)

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

8 marks

- a) Coefficient of resistance
- b) Huygens's principle
- 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 -----.