

Jubilee College, Bhuskunda
Dept. of Physics

MID Term Exam 2020

Semester - II

Paper - 3 (Theory) F.M = 10

Q. Write the Integral & Differential form of Gauss' Law

Paper 4 (Theory) F.M = 10

Q. Write and explain Newton's formula for velocity of Sound. How Laplace corrected this.

Practical - (Paper 3 & 4)

Q. How can you measure: ^{F.M = 10}

- a) Resistance
- b) AC/DC Voltages
- c) DC current
- d) Capacity of a Condenser

Explain with figures.

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Semester-II (General)

G.E - 2 (Theory) P.M2W

Q Write Gauss' Theorem of Electrostatics. with atleast its two applications.

G.E - 2 (Practical) F.M205

Q Write with sketch How you measure:

a) Resistance

b) AC/DC voltage

c) DC current

by using a multimeter,