GATITU DAY MIXED SEC SCHOOL

 PHYSICS FORM 3 CAT 2

TERM 2 2012 MIDTERM EXAM

1. Define the following terms (3mks)

 a) Displacement

 b) Speed

 c) Velocity

2. A body is uniformly accelerated from rest to a final velocity of 100m/s, calculate the distance covered. (3mks)

3. Define refraction (2mks)

4. Calculate the refraction index for light travelling from glass to air given ang =1.5 (3mks)

5. State Newton’s third law (2mks)

6. An object is placed 30cm from a concave mirror of focal length 20cm (4mks)

 a) the image position

b) the magnification

7. State the three types of equilibrium (3mks)

8. Define the term principal focus (1mk)