

SAGAR MAHAVIDYALAYA

INTERNAL EVALUATION-2020

B.SC(General):semester-4

Subject-PHSG

Paper-CC-4-P

Time:1pm-2:30pm

full marks:15

● **Answer any two from the followings.**

$7\frac{1}{2} \times 2 = 15$

1. Write down the working principle of a Polarimeter to find the specific rotation of optically active solution.
2. Write down the working principle of a Newton's ring method to find the radius of curvature of a Plano-convex lens.
3. Write down the working principle of a Sonometer to find the frequency of a tuning fork.