

# **SREE CHAITANYA MAHAVIDYALAYA**

**B.Sc (General) INTERNAL EXAMINATION-2021**

## **SEMESTER-IV**

Subject: Physics

Full marks-20

PAPER CODE: PHSGCOR04T

Time: 35mins

**Answer any five questions from the following questions:**

**5×2=10**

1. Define simple harmonic motion.
2. What are beats?
3. What do you mean by viscosity of a liquid?
4. Explain Huygen's principle of wave propagation.
5. State the conditions to be fulfilled for the production of observable interference pattern
6. Point out the differences between convex lens and zone plate.
7. State and establish brewster's law.

Link: <https://forms.gle/dbBcUPgw2MrdoWXW7>