

Total number of printed pages-7

3 (Sem-2/CBCS) PHY HC 2

2022

**PHYSICS**

(Honours)

Paper : PHY-HC-2026

**(Waves and Optics)**

Full Marks : 60

Time : Three hours

**The figures in the margin indicate  
full marks for the questions.**

1. Answer **any seven** of the following questions :  $1 \times 7 = 7$

(a) Write the expression of pressure of a longitudinal wave.

(b) What is a Lissajous figure ?

(c) Write one property of electromagnetic waves.

(d) What do mean by wavefront ?

(e) Why are Newton's ring circular in shape ?

Contd.

