

International Islamic University Chittagong (IIUC)

Department of Computer and Communication Engineering

Mid-Term Examination

Program: B.Sc. (Engg.)
 Course Code: PHY-1101
 Total Marks: 30

Semester: Autumn 2022
 Course Title: Physics - I
 Time-1.5 Hours

- (i) Answer all the questions. The figures in the right-hand margin indicate full marks.
 (ii) Course Learning Outcomes (CLOs) and Bloom's Levels are mentioned in additional Columns.

Course Learning Outcomes (CLOs) of the Questions

- CLO1 Demonstrate** an understanding of mechanics, waves, optics, heat and thermodynamics.
CLO2 Apply basic physics laws and formulae to complex cases like; Fly wheel, Elastic bending, forced oscillation, Compound Pendulum, Heat engine, Polarization etc.

Letter Symbols Meaning	Bloom's Levels of the Questions								
	R Remember	U Understand	Ap Apply	An Analyze	E Evaluate	C Create			
1. a.					3	U	CLO1		
b.					5	R, U	CLO1		
c.					2	E, Ap	CLO2		
2. a.					2	U	CLO1		
b.					6	An, Ap	CLO1		
c.					2	E, Ap	CLO2		
3. a.					3	R,U	CLO1		
b.					4	An	CLO1		
c.					3	E, C	CLO2		
Or									
3.					2	R, U	CLO1		
					6	An	CLO1		
					2	Ap	CLO2		