Slot:		Course Mode:		Class Number (s):	
Course Code:	PHY 1701	Course Title:	Engineering Physics		
Emp. No.:		Faculty Name:		School: SAS	
Contact No.:		Email:			

General Instructions (if any): ***1. OPEN BOOK Examinations, 2. ….***

Q. No.	Sub-division	Question Text	Marks	Unit / Module No.	HOTS? (Y/N)	Difficulty Level E/A/T	CO
Answer Any **Six** Questions			Total Marks: 6 X 10 Marks = 60				
1.	a)	(i) (ii) Numerical Question	5 5				
		(OR)					
	b)	(i) (ii) Numerical Question	5 5	**1**	Y/N	Tough (T)	**CO1**
		(OR)					
	c)	(i) (ii) Numerical Question	5 5				
2.	a)	(i) (ii) Numerical Question	5 5				
		(OR)					
	b)	(i) (ii) Numerical Question	5 5	**2**	Y/N	Easy (E)	**CO2**
		(OR)					
	c)	(i) (ii) Numerical Question	5 5				

4.	a)	(i) (ii) Numerical Question	5 5	4	Y/N	Tough (T)	CO4
		(OR)					
	b)	(i) (ii) Numerical Question	5 5				
		(OR)					
	c)	(i) (ii) Numerical Question	5 5				
5.	a)		10	5	Y/N	Easy (E)	CO5
		(OR)					
	b)		10				
		(OR)					
	c)		10				
6.	a)	(i) (ii) Numerical Question	5 5	6	Y/N	Avg. (A)	CO6
		(OR)					
	b)	(i) (ii) Numerical Question	5 5				

		(OR)		÷			
	c)	(i) (ii) Numerical Question	5 5				
7.	a)		10	7	Y/N	Avg. (A)	CO7
		(OR)					
	b)		10				
		(OR)					
	c)		10				

Module No	Modules	E/A/T	Numericals	Marks
1	Introduction to Modern Physics	T	Y	5+5
2	Applications of Quantum Physics	E	Y	5+5
3	Nanophysics	E	-	10
4	Laser Principles and Engineering Application	T	Y	5+5
5	Electromagnetic Theory and its application	E	-	10
6	Propagation of EM waves in Optical fibers	A	Y	5+5
7	Optoelectronic Devices & Applications of Optical fibers	A	-	10