

INTERNAL_EVALUATION

INTERNAL EVALUATION (DIGITAL)

CHRIST COLLEGE (AUTONOMOUS)

HOME > SUBJECT COMMUNITY > CC19PPHY1C03 - ELECTRODYNAM... > ASSESSMENTS > ASSESSMENT MANAGEMENT

Subject : Electrostatics and Plasma Physics-(CC19PPHY1C03)

ASSESSMENT TYPES

Assessment Type	Created	Pending
ASSIGNMENT	1	0
ATTENDANCE	1	1
DIGITAL EVALUATION OBE	1	5
FIELD WORK	0	6
INTERNAL EXAM	2	3
LAB	0	5
POLLS & SURVEY	2	0
PROJECT	0	5
PUNCTUALITY	0	1
SEMINAR	1	5
SKILL	0	1

Powered by Linways Technologies Pvt.Ltd. Linways AMS v4.3.3

Linways portal for internal evaluation:
Assessment Management

INTERNAL_EVALUATION

CHRIST COLLEGE (AUTONOMOUS)

CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA
Kerala-680125
ASSIGNMENT

Duration : 3 Hrs 45 Mins

Sem : 51
Max Mark : 25.00

QUESTIONS

1. A sphere of radius R , centered at the origin, carries charge density, where k is a constant, and r, θ are the usual spherical coordinates. Find the approximate potential for points on the z axis, far from the sphere [Mark : 5]
(CO : CO1 , CO2)
(Blooms Level : 3)
2. Four particles (one of charge q , one of charge $3q$, and two of charge $-2q$) are placed as shown in Fig. 3.31, each a distance a from the origin. Find a simple approximate formula for the potential, valid at points far from the origin. (Express your answer in spherical coordinates.) [Mark : 5]
(CO : CO1 , CO2)
(Blooms Level : 3)
3. In Ex. 3.9 we derived the exact potential for a spherical shell of radius R , which carries a surface charge ($\sigma = k \cos \theta$). (a) Calculate the dipole moment of this charge distribution. (b) Find the approximate potential, at points far from the sphere, and compare the exact answer (3.87). What can you conclude about the higher multipoles? [Mark : 5]
(CO : CO1 , CO2)
(Blooms Level : 3)
4. Problem 3.31 A "pure" dipole p is situated at the origin, pointing in the z direction. (a) What is the force on a point charge q at $(a, 0, 0)$ (Cartesian coordinates)? (b) What is the force on q at $(0, 0, a)$? (c) How much work does it take to move q from $(a, 0, 0)$ to $(0, 0, a)$? [Mark : 5]
(CO : CO2 , CO3)
(Blooms Level : 3)
5. Find the wavelength and propagation speed in copper for radio waves at 1 MHz. Compare the corresponding values in air (or vacuum). [Mark : 5]
(CO : CO2 , CO3)
(Blooms Level : 3)


Linways portal for internal evaluation:

Assignment questions given to students

INTERNAL_EVALUATION

CHRIST COLLEGE (AUTONOMOUS)

Choose Field To Display :

 CHRIST COLLEGE (AUTONOMOUS)
IRINJALAKUDA
Kerala-680125
INTERNAL 2

Duration : 264 Hrs Sem : S1
Max Mark : 50.00

QUESTIONS

SECTIONS : **SECTION A - 3 QS** SECTION B - 2 QS SECTION C - 2 QS

Answer any 2 questions. Each question carries 5 marks.

1. TEM waves cannot exist in a single-conductor hollow waveguide of any shape. Why? [Mark : 5]
(CO : CO1 , CO2 , CO3)
(Blooms Level : 1)
2. How does the line charge density changes under Lorentz transformation? [Mark : 5]
(CO : CO4)
(Blooms Level : 1)
3. Briefly explain about Debye sphere. [Mark : 5]
(CO : CO5)
(Blooms Level : 1)

Linways portal for internal evaluation:

Internal exam questions given to students

INTERNAL_EVALUATION

The screenshot displays the Linways portal interface for internal evaluation. The page title is "CHRIST COLLEGE (AUTONOMOUS)". The breadcrumb navigation shows: HOME > SUBJECT COMMUNITY > CC19PPHY1C03 - ELECTRODYNAM... > ASSESSMENTS > ASSESSMENT MANAGEMENT. The main heading is "SEMINAR". Below the heading, there are tabs for "Question Wise Mark Entry", "Total Mark Entry", and "Result View" (which is active). There are also buttons for "Excel Mark Entry" and "Confirmed". The "Sort By" dropdown is set to "Roll No." and the "Include" dropdown is set to "x Roll No.". A table displays the results for four students, all of whom have passed the seminar.

#	ROLL NO	NAME	ATTENDANCE	TOTAL MARKS	%	STATUS	VIEW ANSWERS AND RUBRIC MARK ENTRY
1	11	ABIA CLEETAUS	PRESENT	100 / 100.00	100%	PASSED	View Answers
2	12	ALPHIYA P J	PRESENT	100 / 100.00	100%	PASSED	View Answers
3	13	ANEESHA P A	PRESENT	100 / 100.00	100%	PASSED	View Answers
4	14	ANNMARIYA	PRESENT	100 / 100.00	100%	PASSED	View Answers

Linways portal for internal evaluation:

Seminar – Result View

INTERNAL_EVALUATION

CHRIST COLLEGE (AUTONOMOUS)

HOME > SUBJECT COMMUNITY > CC19PPHY1C03 - ELECTRODYNAM... > ASSESSMENTS > ASSESSMENT MANAGEMENT

ATTENDANCE

Question Wise Mark Entry Total Mark Entry **Result View** Excel Mark Entry Confirmed

Sort By : Roll No.

Include : * Roll No.

#	ROLL NO	NAME	ATTENDANCE	TOTAL MARKS	%	STATUS	VIEW ANSWERS AND RUBRIC MARK ENTRY
1	11	ABIA CLEETAUS	PRESENT	86.96 / 100.00	86.96%	-	View Answers
2	12	ALPHIYA P J	PRESENT	78.26 / 100.00	78.26%	-	View Answers
3	13	ANEESHA P A	PRESENT	78.26 / 100.00	78.26%	-	View Answers
4	14	ANNMARIYA	PRESENT	100 / 100.00	100%	-	View Answers

ways portal for internal evaluation: Attendance