

TDC (CBCS) EVEN SEMESTER EXAMINATION, 2024
KARIMGANJ COLLEGE, KARIMGANJ
UNIT TEST – II
SEMESTER – II
PHSDSC/GE - 201T
(ELECTRICITY AND MAGNETISM)

Assignment
Full Marks: 14

Answer the following question.

- 1. Deduce the expressions for electric field at point (i) inside and (ii) outside of the following –**
- (a) Uniformly charged spherical shell.**
 - (b) Uniformly charged solid sphere.**
- Hence find the expression of the same in both the cases of (a) and (b) at a point on the surface of the sphere.**

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