

DPP - 5

A. MCQ Answers

1. (A) net force is zero
2. (A) 500 N
3. (A) C/m
4. (A) $pE \sin\theta$
5. (A) $\theta = 0^\circ$
6. (A) $M^{-1}L^{-3}T^4A^2$
7. (B) vector
8. (A) $1/r^3$
9. (A) increases
10. (A) scalar
11. (A) 10^{-6} C
12. (A) kq/r^2
13. (A) $1/4$
14. (A) N/C
15. (A) total charge enclosed
16. (A) $EA \cos\theta$
17. (A) $+q$ and $-q$
18. (D) distance $\rightarrow \infty$
19. (A) 0
20. (A) any closed surface