

VIDYA BHAVAN, BALIKA VIDYAPEETH
SHAKTI UTTHAN ASHRAM, LAKHISARAI, PIN:-811311

SUBJECT:- PHYSICS

CLASS:- IXTH

DATE:30/07/XX

SUBJECT TEACHER:- MR. NEEL NIRANJAN

CHAPTER 1. (MOTION REVISION) (BASED ON NCERT PATTERN)

TRUE/FALSE

11. Magnitude of displacement can be equal to or lesser than distance.
12. If particle speed is constant, acceleration of the particle must be zero.
13. A body can have constant velocity and still have varying speed.
14. The movement of the earth about its axis is an example of uniform speed.
15. Unit of speed in S.I. system is cms^{-1} .
16. A body falls freely from a height with uniform acceleration.
17. A particle is known to be at rest at time $t = 0$. Its acceleration at $t = 0$ must be zero.
18. In a journey, numerical value of displacement $<$ distance.
19. If a body is moving on a curved path with constant speed, then its acceleration is perpendicular to the direction of motion.

ANSWERS

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|-----------|-----------|-----------|
| 11. True | 12. False | 13. False |
| 14. True | 15. False | 16. True |
| 17. False | 18. True | 19. False |