

UNIVERSITY OF MANAGEMENT AND TECHNOLOGY
BS ENGINEERING ADMISSION TEST FALL 2016

Physics --- 30 Questions

Questions 1-30: Choose the correct answer.

- 1- Light Year is a unit of
 - a) Light
 - b) Time
 - c) Velocity
 - d) Distance

- 2- Name the quantity which is a vector
 - a) Density
 - b) Power
 - c) Charge
 - d) Impulse

- 3- The dimensions of torque are
 - a) MLT^{-2}
 - b) ML^2T^{-2}
 - c) ML^2T^2
 - d) MLT^{-1}

- 4- Acceleration in a body is always produced in the direction of
 - a) Force
 - b) Torque
 - c) Power
 - d) Velocity

- 5- When the force is parallel to the direction of motion of body, the work done is
 - a) Maximum
 - b) Minimum
 - c) Infinity
 - d) Zero