Don Bosco Institute of Technology

Computer Department

B.E. Computers 2021-2022

AI & SC Assignments

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Assignment - 1

1. Give the PEAS properties for the following   -- 12.07.2021
   a. Wall cock
      Performance Measure – Time in hours seconds and minutes
      Environment – Walls
      Actuator – Hour hand, second hand, minute hand
      Sensor – Battery Level
   b. Candle
      Performance Measure – Amount of light
      Environment -Candle holder
      Actuator – candle wick
      Sensor – flame spark

   c. Keys e.g cupboard key
      Performance Measure –Only allows authorized users
      Environment – Cupboard
      Actuator – Locking mechanism
      Sensor – Key insertion

   d. Zoom meetings
      Performance Measure – Video and Audio Quality
      Environment – Computers and mobile phones
      Actuator – Video conferencing
      Sensor – Camera, Microphone

   e. C program
      Performance Measure – Time taken to run a program
      Environment – Computers
      Actuator – compilers
      Sensor – Keyboard