<DE/EJ/ET/EN/EX/EQ/IE/IS/IC >: <22636> : <Emerging Trends in Electronics >: <Digital Factory>: <UO4b.3>: <Assessments>: <Formative>

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| Set 1: Question No 1 | Set 1: Question No 2 | Set 1: Question No 3 |
| Vehicle Communication, driverless car,  connected cars are the examples of IoT in: | "\_\_\_\_\_\_”  is the industry term for the  manufacture of finished products that are  distinct items capable of being easily counted, touched or seen" | Real time driver monitor system to detect monitor fatigue level of driver using IoT in automotive includes |
| Recall/ Remembering | Understanding | Application |
| 1. Agriculture | 1. Discrete Manufacturing | a) RFID Tags |
| 1. Electronics | b) Smart Manufacturing | b) Sensors for GPS |
| 1. Automotive | c) Digital Manufacturing | c) Fluid level sensors |
| 1. Discrete Manufacturing | d) Intelligent Manufacturing | d) "Sensors to detect  eye blinks, gas, impact sensors and alcohol detecting sensors" |
| Ans: <c> | Ans: <a> | Ans: <d> |

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| Set 2: Question No 1 | Set 2: Question No 2 | Set 2: Question No 3 |
| Which of the following is more appropriate about connected cars? | Aircraft or satellite manufacturing is an example of discrete manufacturing with | Smart farming can be achieved by using: |
| Recall/ Remembering | Understanding | Application |
| a) Cars with GPS capability | a) High Complexity and Low volume | a) Humidity sensors |
| b) Cars with internet surf capabilities | b) Low Complexity and high volume | b) IoT stick |
| c) Internet enabled cars having communication with other cars | c) Low Complexity and low volume | c) pH sensors |
| d) Car with infotainment service | d) High Complexity and high volume | d) Temperature sensors |
| Ans: <c> | Ans: <a> | Ans: <b> |