<DE/EJ/ET/EN/EX/EQ/IE/IS/IC >: <22636> : <Emerging Trends in Electronics >: <Digital Factory>: <UO4b.1>: <Assessments>: <Formative>

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| Set 1: Question No 1 | Set 1: Question No 2 | Set 1: Question No 3 |
| Device layer elements are\_\_\_\_\_\_ | Analysis, Storage and Management of data accomplished at \_\_\_\_\_ | Machine Learning and visualization technology generally accomplished at \_\_\_\_ |
| Recall/ Remembering | Understanding | Application |
| 1. Sensors, Actuators, Transceivers | 1. IoT Gateway level | a) IoT Gateway |
| 1. PLC, SCADA | b) Data centre/cloud | b)Sensor level |
| 1. Cloud, Data centre | c)Edge IT | c) Edge IT |
| 1. Switches, Gateways | d) Interface of sensors and actuators | d)Things level |
| Ans: <a> | Ans: <b> | Ans: <c> |

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| Set 2: Question No 1 | Set 2: Question No 2 | Set 2: Question No 3 |
| \_\_\_\_\_ devices are able to intervene the physical reality like switching of the light or adjust the temperature of room. | Operations on server side is done at\_\_\_\_\_ | Data aggregation and Data Acquisition systems takes place at \_\_\_ layer |
| Recall/ Remembering | Understanding | Application |
| 1. IoT Gateway | a) Device Layer | a) Stage 2 Gateway level |
| b) Cloud | b) Gateway Layer | b) Stage 1 Sensor level |
| c) Sensors | c) Platform Layer | c) Stage 3 Edge IT level |
| d) Actuators | d) Data Centre | d) Stage 4 Cloud level |
| Ans: <d> | Ans: <b> | Ans: <a> |