<DE/EJ/ET/EN/EX/EQ/IE/IS/IC >: <22636> : <Emerging Trends in Electronics > : <Digital Factory> : <UO4a.2>: <Assessments> : <Formative>

<Prof Deepak A. Kulkarni>

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| Set 1: Question No 1 | Set 1: Question No 2 | Set 1: Question No 3 |
| The role of sensor is to \_\_\_\_\_ | Devices that provide tamper detection, encryption, hardware random generation and cryptography are\_\_\_ | Wi-Fi, Ethernet, WAN can be examples of \_\_\_\_ with respect to IoT architecture layer. |
| Recall/ Remembering | Understanding | Application |
| 1. collect data | 1. Sensor | a) Management services |
| 1. store data | b) Cloud | b) Gateway and Network |
| 1. Security | c) Gateway | c)Sensors |
| 1. Manage data | d) Actuator | d)Application |
| Ans: <a> | Ans: <c> | Ans: <b> |

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| Set 2: Question No 1 | Set 2: Question No 2 | Set 2: Question No 3 |
| Data is aggregated, summarised, filtered and forwarded by \_\_\_ for further processing. | Advanced analytics and monitoring IoT ecosystem is provided by\_\_\_ | \_\_\_\_ Devices are referred as control tier. |
| Recall/ Remembering | Understanding | Understanding |
| 1. IoT gateway | a)IoT gateway | a)IoT gateway |
| b) Cloud | b) Cloud | b) Cloud |
| c) Sensor | c) Sensor | c) Sensor |
| d) Actuator | d) Actuator | d) Actuator |
| Ans: <c> | Ans: <b> | Ans: <a> |