

**SYBCA SEM-4**

**402-IOT(Internet of Things)**

**Unit: 5 Case Study**

<b>Sr.no</b>	<b>Questions</b>	<b>Q-A</b>	<b>Q-B</b>	<b>Q-C</b>	<b>Q-D</b>
1	The core element of architecture of smart city is _____	Urban Application Platform	Management center	Integrated Information Provider	Mobile Unified Service
2	In order to promote _____ the government should employ more management.	eGovernment related	Enterprise-based	Company based	Business oriented platform
3	Which of the following is/are can be thought of as application area for IoT?	Agriculture	Healthcare	Vehicular	All of the above
4	Which category finds an increase in applications targeting health and fitness?	Personal IoT	Group IoT	Community IoT	Industrial IoT
5	ITS stands for _____	Intelligent Transportation Security	Internet Travel Services	Internet Transportation Security	Intelligent Transportation Services
6	Which service is used by the Controller Service to store data in the cloud?	SOAP	Representational State Transfer Communication	JASON	None of above
7	Which of the following sensor(s) can be used in Smart Irrigation system in Agricultural IoT?	Soil Moisture Level Sensor	Water Level Sensor	Both A & B	None of the Above
8	Which of the following is not an application of IoT?	Arduino	Smart City	Smart Grid	Wearables
9	Which services are used for Smart Lighting Application	System mode service	System state service	Controller native service	All of the above
10	Which of the following components can be used to build an IoT application?	Cloud Computing	Sensors & Actuators	Satellites & Drones	All of the above
11	If we select Auto Mode in Smart Lighting Application, System monitors_____.	Light-state	Light-level	Light-state and light-level	None of above
12	Which of the following is the benefit of a smart city?	Saving Electricity	Saving Time	Above both	None of the above
13	Which of the following can you do remotely with smart home technology?	Turn AC on/off	Open/close windows	Lock/unlock doors	All of the above
14	Which of these devices can be used to remotely control your security system?	Smart Phone	Tablet	Computer	All of the above
15	Which of the following solutions can be easily implemented by a smart city based project?	High Traffic management	Optimized electricity use	Waste collection management	All of the above
16	Which Criteria is the following for housing in a smart city?	Sustainable Architecture & Design	Site Selection	building materials & Resource	All of above

17	An IoT platform, which could serve as a generic architectural foundation for a smart city development has a Integrated Information Provider as its core element. Its core element is operated by which of the following?	PaaS	IoT service Provider	SaaS	IaaS
18	Which approach is used in this IoT smart city architecture?	Top down approach	Bottom up approach	Top down and Bottom Up	Neither Top down nor bottom up
19	Which of the following are applications of smart home?	Lighting control	Improved safety and security	air quality and water quality monitoring	All of the mentioned
20	Which of the following sensors bring the capability of sensing humidity/RH levels in air for smart homese?	Humidity sensors	Sound detection sensor	Water level sensor	Lux sensor
21	Which of the following is generally found at bottom most layer in major IoT application?	Cloud Computing	Sensors & Actuators	Wireless Connectivity	Handheld Devices
22	Health and fitness monitoring is the IoT application in the area of	Cities	Logistics	Homes	Health and Life Styles
23	If we select Auto Mode in Smart Lighting Application, System monitors_____.	Light-state	Light-level	Light-state and light-level	None of above
24	Which services are used for Smart Lighting Application	System mode service	System state service	Controller native service	All of the above
25	Which service is used by the Controller Service to store data in the cloud?	SOAP	Representational State Transfer Communication	JASON	None of above
26	Which sensor is used for Smart parking Application?	Ultrasonic Sensor	Temperature Sensor	IR Sensor	Light Sensor