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Ex. No	List of Experiments	Conduct (MM: 12)	Viva (MM: 10)	Record (MM: 8)	Total (MM: 30)	Remarks/ Signature
1.1	**Familiarization with Arduino/ Raspberry Pi hardware and perform necessary software installation.**					
1.2	**Identification of different sensors used in IoT applications.**					
1.3	**Demonstration of Autodesk Tinkercad Simulation Platform.**					
1.4	**Program to interface the Arduino/Raspberry Pi with LED and blinking application.**					
2.1	**To measure the distance of an object using an ultrasonic sensor.**					
2.2	**Interfacing of Arduino/Raspberry Pi with temperature and humidity sensor with real time application.**					
2.3	**To display data generated by sensor on LCD using Arduino/ Raspberry Pi.**					
3.1	**Interfacing Air Quality Sensor (MQ135) and display data on LCD.**					
3.2	**Real time application of controlling actuators through Bluetooth application using Arduino.**					
3.3	**Study the Implementation of Zigbee Protocol using Raspberry Pi/Arduino.**					