1. **The number of bits transmitted of received per second is defined as** 
   1. transmission rate
   2. reception rate
   3. transceiver
   4. baud rate
2. **The void loop() function does precisely what its name suggests, and loops** 
   1. One and Done
   2. Once and Twice
   3. Once and Never
   4. Over and over
3. **To vary the brightness of an LED, anode of the LED is to be connected at** 
   1. any digital pin
   2. only PWM featured pin
   3. ground
   4. analog input in
4. **MQTT is better than HTTP for sending and receiving data**
   1. True
   2. False
5. **Which protocol is lightweight?**
   1. MQTT
   2. HTTP
   3. CoAP
   4. SPI
6. **BAN gives** 
   1. Communication
   2. Storage
   3. Network connectivity
   4. Communication and storage
7. **To activate serial monitor, what setup code is to be written?**
   1. serialBegin(9600);
   2. Serialbegin(9600);
   3. Serial.begin(9600);
   4. Serial.Begin(9600);
8. **What is the resolution of the ADC present in the arduino Uno?**
   1. 8-bit
   2. 10-bit
   3. 6-bit
   4. 16-bit
9. **What is the maximum output current for the digital pin in Arduino Uno?**
   1. 20 mA
   2. **40 mA**
   3. 80 mA
   4. 100 mA
10. **A sensor is**
11. something that detects a change
12. something creates a change
13. something that humans have
14. **What is the format of IP address?**
15. 34 bit
16. 64 bit
17. 16 bit
18. 32 bit
19. **With Arduino, what symbol do you place at the end of each line of code?**
20. (
21. (
22. ;
23. //
24. **What are two two main types of Arduino pins?**
25. Digital and analog
26. Digital and modulation
27. Pulse and analog
28. **What is the clock speed of the Arduino Uno?**
29. 16 Hz
30. 16 MHz
31. 8 MHz
32. 4 MHz
33. **The base of a number system is**
34. always the same as the highest digit used in the system
35. equal to the number of different digits used in the system
36. one less than the highest single digit number in the system
37. **What does design provides?**
38. Technology
39. Ecosystem
40. Technology and ecosystem
41. Digital revolution
42. **The pinMode() function configures a pin as either**
43. High or Low
44. Input or Output
45. On or Off
46. Inside or Outside
47. **Which bluetooth version enables low energy?**
48. Bluetooth 3.0
49. Bluetooth 4.0
50. Bluetooth 2.0
51. Bluetooth 1.0
52. **How many pair(s) of Rx/Tx pins are present in Arduino Uno for UART communication?**
53. 3
54. 2
55. 1
56. 0
57. **IoT is a paradigm that involves ubiquitous presence in the environment?**
58. True
59. False
60. **For a servo motor to run, the three pins required of the Arduino Uno are**
61. Vcc, GND, PWN
62. Vcc, GND, Analog
63. Vcc, PWN, Digital
64. Vcc, GND, Digital
65. **Which one(s) is/are analog out pin(s)?**
66. 3
67. 9
68. 12
69. 5
70. **A analog signal is one that can take on any number of value (instead of only binary values)**
71. True
72. False