

## Arduino Quiz 2

by Anmol Punetha | Apr 24, 2020 | Arduino Quiz

Thank you for submitting your response!!! Each question contains 2 Marks

Correct Answers are: 16

Your Total Score out of 20 is: 80

**What is the use of RST pin present in various Arduino boards?**

Answer Provided: To reset the board (the uploaded code)

Correct Answer: To reset the board (the uploaded code)

Comments Entered: NA

**To which pin of the Arduino Uno, the Built\_In LED is connected?**

Answer Provided: D13

Correct Answer: D13

Comments Entered: NA

**Which function is used when you need to print something in the new line of the Serial Monitor?**

Correct Answer: Serial.println

Comments Entered: NA

**Suppose you want to plot the data received by your sensor. So which property of the Arduino IDE is used to do so?**

Answer Provided: Preferences

Correct Answer: Serial Plotter

Comments Entered: NA

**What is the resolution of the ADC present in the arduino Nano/Uno?**

Answer Provided: 10-bit

Correct Answer: 10-bit

Comments Entered: NA

**What does ADC stand for?**

Answer Provided: Analog to Digital Converter

Correct Answer: Analog to Digital Converter

Comments Entered: NA

**Choose the output which is obtained when we use the function, digitalRead().**

Answer Provided: Both a and b

Correct Answer: Both a and b

**What is the size of the flash memory of the Arduino Uno?**

Answer Provided: 32 KB

Correct Answer: 32 KB

Comments Entered: NA



**Identify the encircled part of the board.**

Answer Provided: ATmega 328 microcontroller

Correct Answer: ATmega 328 microcontroller

Comments Entered: NA

**State True or False:**

Arduino (Atmega) pins default to inputs, so they don't need to be explicitly declared as inputs with pinMode().

Answer Provided: True

Correct Answer: True

```
void loop(){int val=analogRead(A6); SerialPrint(val);}
```

**The Output of the above line will print:**

Answer Provided: any value between 0-1023

Correct Answer: any value between 0-1023

Comments Entered: NA

**Which of the following sensors can be used with the Arduino Nano?**

Answer Provided: All of these

Correct Answer: All of these

Comments Entered: NA

**For a servo motor to run, the three pins required of the Arduino Uno are:**

Answer Provided: Vcc, PWM, Digital

Correct Answer: Vcc, GND, PWM

Comments Entered: NA

**What is the clock speed of the Arduino Uno?**

Answer Provided: 16MHz

Correct Answer: 16MHz

Comments Entered: NA

Answer Provided: 8

Correct Answer: 8

Comments Entered: NA



**Identify the encircled part of the board.**

Answer Provided: ATmega 328P

Correct Answer: Voltage Regulator

Comments Entered: NA

**State True or False:**

**The analog pins also have pull-up resistors, which work identically to pull-up resistors on the digital pins. They are enabled by issuing a command.**

Answer Provided: True

Correct Answer: True

**Which part of the Arduino Uno allows the microcontroller to receive the firmware or program that does all the advanced functionalities that are desired?**

Answer Provided: Voltage Regulator

Correct Answer: ICSP header

Comments Entered: NA

**What does ICSP stand for?**

Answer Provided: In-circuit system programming

Correct Answer: In-circuit system programming

Comments Entered: NA

**The SCL and SDA pins comprise of which communication protocol?**

Answer Provided: I2C

Correct Answer: I2C

Comments Entered: NA

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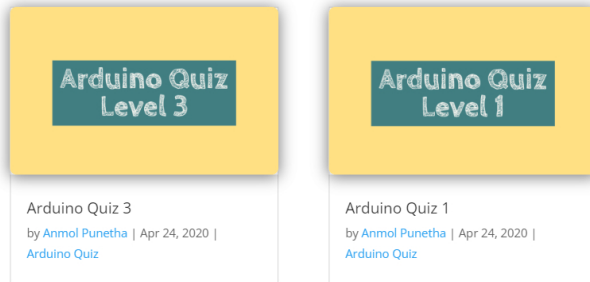


Written By Anmol Punetha

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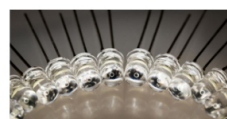
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
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