1. How many types of official arduinos do we have ?

A. 5

B. 6

C. 4

D. 8 (Answer)

2. ......... are pre build circuits boards that fit on top of Android.

A. Sensor

B. Data Types

C. Breadboard

D. Shields (Answer)

3. A program written with the IDE for Arduino is called \_\_\_\_

A. IDE source

B Sketch (Answer)

C. Cryptography

D. Source code

4. Arduino source code consists of 2 functions. What are they ?

A. Build() and loop()

B. Setup() and build()

C. Setup() and loop() (Answer)

D. loop() bulid() and Setup()

5. How many digital pins are used in Arduino UNO Board ?

A. 14 (Answer)

B. 12

C. 16

D. 20

6. What is the default bootloader of the Arduino UNO ?

A. Optiboot bootloader (Answer)

B. AIR-boot

C .Bare box

D. GAG

7. What is the microcontroller used in Arduino UNO?

a) Atmega328p (Answer)

b) ATmega2560

c) ATmega32114

d) AT91SAM3x8E

8. What does p refer to in ATmega328p?

a) Production

b) Pico-Power (Answer)

c) Power-Pico

d) Programmable on chip

9. Which is the software or a programming language used for controlling of Arduino?

a) Assembly Language

b) C Languages

c) JAVA

d) Any Language (Answer)

10. Which board is first to use microcontroller within build USB?

a) LilyPad

b) UNO

c) RedBoard

d) Leonardo (Answer)

11. What does GPIO stand for?

A. General Purpose Inner Outer Propeller

B. General Purpose Input Output Pins (Answer)

C. General Purpose Interested Old People

D. General Purpose Input Output Processor

12.What license is Arduino distributed under?

A. Proprietary with GNU GPL Ambient user interface

B. Proprietary

C. Shareware

D. LGPL or GPL license (Answer)

13.What is the maximum amount of current for any one of the Arduino pins?

A.40mA(Answer)

B.30mA

C.1 A

D.500mA

14.Identify this component.

(ultrasonic-sensor-image)

A.Speaker

B.Temperature sensor

C.Wind sensor

D.Ultrasonic sensor(Answer)

15. Select the function that you can use to detect a button press on the Arduino

A.buttonRead()

B.buttonPress()

C.analogRead()

D.digitalRead()(Answer)

16. An Arduino sketch undergoes pre-processing to turn into a \_\_\_\_\_\_ program

A.C/C++(Answer)

B.Java

C.Assembly

D.Arduino

17. An Arduino Uno is most suited for \_\_\_\_\_\_\_\_\_.

A.Controlling peripherals(Answer)

B.Powering peripherals

C.Controlling and powering peripherals

D.None

18. Arduino board with the shield using the SPI bus. This is on digital pins .... , .... and..... on UNO.

A. 11,12 and 13

B. 3,4 and 5

C. 10,11 and 12

D. Any of the pins

19. Function used to change the upper end of range of measuring voltage using AREF pin

A.analogRange()

B.analogReference()(Answer)

C.aRef()

D.range()

20. Pins used for receive and transmit serial data

A.Pin 0 and 1(Answer)

B.Pin 6 and 9

C.Pin 2 and 3

D.Pin 12

21. There is a built-in LED connected to digital pin ... Of UNO?

A. Pin 12

B. Pin 1

C. Pin 13 (Answer)

D. None of above

22. Which function executes first when a sketch is built?

A.loop()

B.setup()

C.init()

D.main()(Answer)

23. Which of the following variables types is NOT recognised by the Arduino ?

A. float

B. Int

C. long

D. All of these variables types are recognised by the Arduino (Answer)

24. delay(100000) results in a delay of \_\_\_\_\_\_\_.

A.100000 seconds

B.100 seconds(Answer)

C.1 second

D.10 seconds

25. What does IDE stand for?

A. In Deep Environment

B. Integrated Development Enviornment(Answer).

C. Internal Deep Escape

D. IDE