

Module 1: Python & ESP32

* Indicates required question

1. Email *

2. Name *

3. Enrollment Number *

MCQ

4. Who developed Python Programming Language?

1 point

Mark only one oval.

- ☐ a) Wick van Rossum
- ☐ b) Rasmus Lerdorf
- ☐ c) Guido van Rossum
- ☐ d) Niene Stom

5. Which of the following is used to define a block of code in Python language?

1 point

Mark only one oval.

- ☐ a) Indentation
- ☐ b) Key
- ☐ c) Brackets
- ☐ d) All of the mentioned

6. What will be the output of the following Python code?

1 point

```
for i in range(0):  
    print(i)
```

Mark only one oval.

- ☐ a) 0
- ☐ b) no output
- ☐ c) error
- ☐ d) none of the mentioned

7. What will be the output of the following Python code?

1 point

```
for i in range(10, 20, 3):  
    print(i)
```

Mark only one oval.

- ☐ 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20
- ☐ 10, 11, 12, 13, 14, 15, 16, 17, 18, 19
- ☐ 10, 13, 16, 19, 20
- ☐ 10, 13, 16, 19

8. ESP32 is a SoC created by

1 point

Mark only one oval.

- ☐ a) Arduino
- ☐ b) Siemens
- ☐ c) Intel
- ☐ d) Espressif

9. Onboard Led at ESP32 is connected at

1 point

Mark only one oval.

- ☐ a) GPIO 2
- ☐ b) GPIO 23
- ☐ c) GPIO 4
- ☐ d) GPIO 12

10. Full form of REPL:-

1 point

Mark only one oval.

- ☐ a) Run Execute programming language
- ☐ b) Read Evaluate programming loop
- ☐ c) Read Evaluate print loop
- ☐ d) Run Execute print loop

11. What does GPIO stand for?

1 point

Mark only one oval.

- ☐ A. General Purpose Inner Outer Propeller
- ☐ B. General Purpose Input Output Pins
- ☐ C. General Purpose Interested Old People
- ☐ D. General Purpose Input Output Processor

12. Which of the following blocks are available on esp32? (Multiple answers can be correct)

1 point

Check all that apply.

- ☐ AES
- ☐ 32 bit Microprocessor
- ☐ Bluetooth Radio
- ☐ Digital to analog convertor

13. What is the output of following code snippet?

1 point

```
x = int(3.14)
print(x)
```

Mark only one oval.

- ☐ 3.14
- ☐ 3.0
- ☐ 3
- ☐ error

14. What is the output of following code snippet?

1 point

```
x = "awesome"

def myfunc():
    x = "fantastic"
    print("Python is " + x)
```

```
myfunc()
```

Mark only one oval.

- ☐ Python is fantastic
- ☐ Python is fantastic awesome
- ☐ Python is awesome
- ☐ error

15. What is the output of following code snippet?

1 point

```
i = 1
while i < 6:
    print(i)
```

Mark only one oval.

- ☐ 1,2,3,4,5
- ☐ 1,2,3,4,5,6
- ☐ 1,1,1,1,1,.....indefinitely
- ☐ 6,6,6,6,6,.....indefinitely

16. sleep_ms(100)

1 point

Mark only one oval.

- ☐ produce a delay of 100milli seconds
- ☐ produce a delay of 100 seconds
- ☐ produce a delay of 100 micro seconds
- ☐ Error

17. Hall sensor on esp32 is used to detect_____

1 point

Mark only one oval.

- ☐ Magnetic field
- ☐ Electric Field
- ☐ Temperature
- ☐ Capacitive Touch

18. PULLUP resistor _____

1 point

Mark only one oval.

- ☐ makes the default voltage of pin to logic high condition
- ☐ makes the default voltage of pin to logic low condition
- ☐ makes the default voltage of pin to floating condition
- ☐ does nothing

This content is neither created nor endorsed by Google.

Google Forms

