

The SP is of ___ wide register. And this may be defined anywhere in the _____.

i) contains status information

iii) idle bit, power down bit

ii) timer / counter control register.

iv) serial data buffer for Tx and Rx.

v) timer/ counter modes of operation.

a) 8 byte, on-chip 128 byte RAM.

b) 8 bit, on chip 256 byte RAM.

c) 16 bit, on-chip 128 byte ROM.

d) 8 bit, on chip 128 byte RAM.

a) 1->ii, 2->iv, 3->v, 4->i, 5→iii.

b) 1->i, 2->v, 3->iv, 4->iii, 5→ii.

c) 1->v, 2->iii, 3->ii, 4->iv, 5→i.

d) 1->iii, 2->ii, 3->i, 4->v, 5->iv.

How many 16 bit registers present in 8051 microcontroller?

Which of the following is true, if the contents of PSW is 16H?

a) Program uses registers from bank3

c) program uses registers from bank2

d) Program uses registers from bank0

An alternate function of port pin P3.0 in the 8051 is:

c) External data memory write strobe

d) External data memory read strobe

How many 16 bit timers/counters present in 8051 microcontroller?

Which of the following Flag is not present in PSW?

a) Timer 0 external input

b) Serial input port

b) Carry flag set to 1

1 point

8)

○ a.

○ b.

○ c.

○ d.

Score: 0

○ a.

○ b.

○ c. ○ d.

Score: 0

○ a.

○ b.

O c.

○ **d**.

Score: 0

b.

11)

○ a.

○ b.

○ c.

O d.

Score: 0

○ a.

○ b.

O c.

 \bigcirc d.

Score: 0

13)

○ a.

○ b.

○ c.

○ d.

Score: 0

○ a.

○ b.

O c.

d.

Score: 0

15)

○ a.

○ b.

O c.

○ d.

Score: 0

a.

No, the answer is incorrect.

Accepted Answers:

No, the answer is incorrect.

a) 8

b) 4

c) 2

d) 1

No, the answer is incorrect.

a) Carry Flag (CY)

b) Parity Flag (P)

d) GF0

No, the answer is incorrect.

Accepted Answers:

c) Overflow Flag (OV)

When PUSH instruction is executed.

a) The SP is incremented by one

b) The SP is incremented by two

c) The SP is decremented by one

d) The SP is decremented by two

Accepted Answers:

Accepted Answers:

No, the answer is incorrect.

Accepted Answers:

No, the answer is incorrect.

Accepted Answers:

a) 1

b) 2

c) 3

d) 4

No, the answer is incorrect.

Accepted Answers:

d.

No, the answer is incorrect.

Match the following:

1) TCON

2) SBUF

3) TMOD

4) PSW

5) PCON

Accepted Answers: