

**SYIT SEM-4 Subject:-E.S (Embedded System)**

1. Which of the following offers external chips for memory and peripheral interface circuits?
  - a) Microcontroller
  - b) Microprocessor
  - c) Peripheral system
  - d) Embedded system
  
2. What is CISC?
  - a) Computing instruction set complex
  - b) Complex instruction set computing
  - c) Complimentary instruction set computing
  - d) Complex instruction set complementary
  
3. Sensor is \_\_\_\_?
  - a) Controller
  - b) Connector
  - c) Changer
  - d) Detector
  
4. What are the functional modes of washing machine?
  - a) Semi Automatic Mode
  - b) fully-Automatic Mode
  - c) Manual Mode
  - d) a ,b and c
  
5. Memory Mapping is \_\_\_\_?
  - a) Address Mapping
  - b) Data Mapping
  - c) Drive Mapping
  - d) System Mapping
  
6. Which of the following is necessary for the parallel input-output port?
  - a) Inductor
  - b) Pull-up resistor
  - c) Push-up resistor
  - d) Capacitor

7. Which Technique Processor ask question repeatedly at interval to check the device has completed the task?

- a) Selling
- b) Polling
- c) Interrupt
- d) Peripheral

8 The time taken to respond to an interrupt is known as

- a) Interrupt delay
- b) Interrupt time
- c) Interrupt latency
- d) Interrupt function

9.8051 microcontrollers is based on \_\_\_\_\_ architecture?

- a) Liweis
- b) Higest
- c) Harvard
- d) Von-numan

10. In 8051 microcontroller each of size is \_\_\_bit?

- a) 8
- b) 16
- c) 32
- d) 64

11.8051 microcontroller ha capacity of \_\_\_\_\_ ?

- a) Uni-direction
- b) High-direction
- c) Low-direction
- d) Bi-direction

12. Port-3 has \_\_\_pin?

- a) 8
- b) 16
- c) 32
- d) 64

13. Which is applied to a manufactured system?

- a) Bit pattern
- b) Parity pattern
- c) Test pattern
- d) Byte pattern

14. The unsigned char is an \_\_\_ bit data type?

- a) 4
- b) 8
- c) 16
- d) 32

15. During selecting the controller performance is measure by \_\_\_\_

- a) Data space
- b) Development style
- c) Speed of operation
- d) Cost

16.8051 support how many interrupt \_\_\_\_

- a) 3
- b) 7
- c) 6
- d) 8

17.8051 support how many byte of internal data memory?

- a) 120
- b) 128
- c) 140
- d) 100

18. In which design activity, the loops are interchangeable?

- a) Compilation
- b) Scheduling
- c) High-level transformation
- d) hardware/software partitioning

19. For data transferring \_\_\_\_ is use?

- a) Component
- b) Register
- c) Bus
- d) Hardware partitioning

20. Keyword is the \_\_\_\_ words?

- a) Reserved
- b) Serial
- c) Parallel
- d) temporary

21. Which variable having the global access?

- a) Local variable
- b) Global variable
- c) Permanent variable
- d) Temporary variable

22. Which of the following becomes a limiting factor while an application program has to be complete?

- a) Memory
- b) Peripheral
- c) Input
- d) Output

23. RTOS stand for \_\_\_\_?

- a) Real time operating system
- b) Reverse time operating system
- c) Read time operating system
- d) Reference time operating system

24. How a sporadic task is can turn into a periodic task?

- a) Scheduling algorithm
- b) Sporadic task event
- c) Sporadic register
- d) Sporadic task server

25. Which of the following is more difficult than the scheduling independent task?

- a) Scheduling algorithm
- b) Scheduling independent task
- c) Scheduling dependent task
- d) Periodic scheduling algorithm