

Intel Model Placement Questions Paper



1. The microcomputer, Intel MCS-80 is based on the widely used Intel.

- A. 8080 microprocessor
- B. 8085 microprocessor
- C. 8086 microprocessor
- D. 8082 microprocessor

Answer : A

2. If a and b are positive integers and $(a-b)/3.5 = 4/7$, then

- A. $b < a$
- B. $b > a$
- C. $b = a$
- D. $b \geq a$

Answer : A

3. In a microprocessor the clock signal is

- A. Is always generated internally
- B. Is always supplied externally
- C. May be generated internally or supplied externally
- D. Is mostly supplied externally

Answer: C

4. What is the selling price of a car if the cost of the car is Rs.60 and a profit of 10% over selling price is earned?

- A. Rs 68
- B. Rs 67

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C. Rs 69

D. Rs 66

Answer : D

5. Which of the following identifiers is invalid in Pascal?

A. BETA

B. MAX 40

C. 2ND

D. A MAX

Answer : C

6. Computers 'Basic input output system' is generally stored in RAM chips.

A. True

B. False

Answer : A

7. There are 5 red shoes, 4 green shoes. If one draw randomly a shoe what is the probability of getting a red shoe is?

A. $5C1/4C1$

B. $4C1/9C1$

C. $5C1/9C1$

D. $9C1/5C1$

Answer : C

8. In 8085

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- A. The upper 8 address bits appear on address bus and lower 8 bits on address data bus
- B. The lower 8 address bits appear on address bus and the upper 8 address bits appear on address data bus
- C. Either upper or lower 8 address bits may appear at address bus
- D. Either upper or lower 8 address bits may appear at address data bus

Answer : A

9. The stack is a data storage area in RAM used by certain microprocessor operations.

- A. True
- B. False

Answer : A

10. A company contracts to paint 3 houses. Mr.Brown can paint a house in 6 days while Mr.Black would take 8 days and Mr.Blue 12 days. After 8 days Mr.Brown goes on vacation and Mr. Black begins to work for a period of 6 days. How many days will it take Mr.Blue to complete the contract?

- A. 7
- B. 8
- C. 11
- D. 12

Answer : C

11. Which of the following is true?

- A. Intel 8080 was the ancestor of Intel 8085
- B. Intel 8080 was the ancestor of Intel Z 80
- C. Intel 8080 was the ancestor of both Intel 8085 and Z 80

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D. Intel 8085 was the ancestor of Intel 8085

Answer : C

12. 2 hours after a freight train leaves Delhi a passenger train leaves the same station travelling in the same direction at an average speed of 16 km/hr. After travelling 4 hrs the passenger train overtakes the freight train. The average speed of the freight train was?

A. 30

B. 40

C. 58

D. 60

Answer : B

13. When was the first 8-bit microprocessor introduced?

A. 1969

B. 1974

C. 1979

D. 1985

Answer : B

14. In June a baseball team that played 60 games had won 30% of its game played. After a phenomenal winning streak this team raised its average to 50% .How many games must the team have won in a row to attain this average?

A. 12

B. 20

C. 24

D. 30

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Answer : C

15. Which is a machine-oriented high-level language for the GEC 4080 series machines.

- A. LOGO
- B. SNOBOL
- C. Babbage
- D. ALGOL

Answer : C

16. If $9x-3y=12$ and $3x-5y=7$ then $6x-2y = ?$

- A. -5
- B. 4
- C. 2
- D. 8

Answer : D

17. A program that is employed in the development, repair or enhancement of other programs is known as <https://www.freshersnow.com/placement-papers-download/>

- A. System software
- B. Software tool
- C. Applications program
- D. Utility program

Answer : B

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18. The price of a product is reduced by 30% . By what percentage should it be increased to make it 100% ?

- A. 42.857%
- B. 43%
- C. 45%
- D. 41%

Answer : A

19. A program component that allows structuring of a program in an unusual way is known as

- A. Correlation
- B. Coroutine
- C. Diagonalization
- D. Quene

Answer : B

20. The radian of a number system

- A. Is variable
- B. Has nothing to do with digit position value
- C. Equals the number of its distinct counting digits
- D. Is always an even number

Answer : C