Questions

|  |  |
| --- | --- |
| 1. | Which of the following languages is more suited to a structured program? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | PL/1 | | [**B.**](javascript:%20void%200;) | FORTRAN | | [**C.**](javascript:%20void%200;) | BASIC | | [**D.**](javascript:%20void%200;) | PASCAL | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 2. | A computer assisted method for the recording and analyzing of existing or hypothetical systems is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Data transmission | | [**B.**](javascript:%20void%200;) | Data flow | | [**C.**](javascript:%20void%200;) | Data capture | | [**D.**](javascript:%20void%200;) | Data processing | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 3. |  |
|  |
| The brain of any computer system is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | ALU | | [**B.**](javascript:%20void%200;) | Memory | | [**C.**](javascript:%20void%200;) | CPU | | [**D.**](javascript:%20void%200;) | Control unit | | [**E.**](javascript:%20void%200;) | None of the above |   Answer: |
| 4. | What difference does the 5th generation computer have from other generation computers? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Technological advancement | | [**B.**](javascript:%20void%200;) | Scientific code | | [**C.**](javascript:%20void%200;) | Object Oriented Programming | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 5. | Which of the following computer language is used for artificial intelligence? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | FORTRAN | | [**B.**](javascript:%20void%200;) | PROLOG | | [**C.**](javascript:%20void%200;) | C | | [**D.**](javascript:%20void%200;) | COBOL | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 6. | A technique used by codes to convert an analog signal into a digital bit stream is known as |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Pulse code modulation | | [**B.**](javascript:%20void%200;) | Pulse stretcher | | [**C.**](javascript:%20void%200;) | Query processing | | [**D.**](javascript:%20void%200;) | Queue management | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 7. | An optical input device that interprets pencil marks on paper media is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | O.M.R | | [**B.**](javascript:%20void%200;) | Punch card reader | | [**C.**](javascript:%20void%200;) | Optical scanners | | [**D.**](javascript:%20void%200;) | Magnetic tape | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 8. | Most important advantage of an IC is its |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Easy replacement in case of circuit failure | | [**B.**](javascript:%20void%200;) | Extremely high reliability | | [**C.**](javascript:%20void%200;) | Reduced cost | | [**D.**](javascript:%20void%200;) | Low power consumption | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 9. | Data division is the third division of a \_\_\_\_\_ program. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | COBOL | | [**B.**](javascript:%20void%200;) | BASIC | | [**C.**](javascript:%20void%200;) | PASCAL | | [**D.**](javascript:%20void%200;) | FORTH | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 10. | Which language was devised by Dr. Seymour Aubrey Papert? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | APL | | [**B.**](javascript:%20void%200;) | COBOL | | [**C.**](javascript:%20void%200;) | LOGO | | [**D.**](javascript:%20void%200;) | FORTRAN | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 1. | As compared to diskettes, the hard disks are |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | more expensive | | [**B.**](javascript:%20void%200;) | more portable | | [**C.**](javascript:%20void%200;) | less rigid | | [**D.**](javascript:%20void%200;) | slowly accessed | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 2. | What is the name given to the molecular-scale computer? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Femtocomputer | | [**B.**](javascript:%20void%200;) | Nanocomputer | | [**C.**](javascript:%20void%200;) | Supercomputer | | [**D.**](javascript:%20void%200;) | Microcomputer | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 3. | Who is considered the 'father' of the minicomputer and one of the founder fathers of the modern computer industry world-wide? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | George Tate | | [**B.**](javascript:%20void%200;) | Kenneth H. Olsen | | [**C.**](javascript:%20void%200;) | Seymour Cray | | [**D.**](javascript:%20void%200;) | Basic Pascal | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 4. | The first microprocessors produced by Intel Corpn. and Texas Instruments were used primarily to control small |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | microwave ovens | | [**B.**](javascript:%20void%200;) | washing machines | | [**C.**](javascript:%20void%200;) | calculators | | [**D.**](javascript:%20void%200;) | personal computers | | [**E.**](javascript:%20void%200;) | robotics |   **Answer:** |
| 5. | Which printer uses a combination of laser-beam & electro photographic techniques. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Laser printers | | [**B.**](javascript:%20void%200;) | Dot-Matrix | | [**C.**](javascript:%20void%200;) | Line printer | | [**D.**](javascript:%20void%200;) | Daisy wheel | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 6. | The access method used for cassette tape is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Direct | | [**B.**](javascript:%20void%200;) | Random | | [**C.**](javascript:%20void%200;) | Sequential | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 7. | The arranging of data in a logical sequence is called: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | sorting | | [**B.**](javascript:%20void%200;) | classifying | | [**C.**](javascript:%20void%200;) | reproducing | | [**D.**](javascript:%20void%200;) | summarizing | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 8. | Who is the creator of the PASCAL language? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Niklaus Wirth | | [**B.**](javascript:%20void%200;) | Dijkstra | | [**C.**](javascript:%20void%200;) | Donald Knuth | | [**D.**](javascript:%20void%200;) | Basic Pascal | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 9. | When was punched-card equipment used for the first time to process the British census? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 1910 | | [**B.**](javascript:%20void%200;) | 1907 | | [**C.**](javascript:%20void%200;) | 1911 | | [**D.**](javascript:%20void%200;) | 1914 | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 10. | A hashing scheme is used with |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | sequential file organization | | [**B.**](javascript:%20void%200;) | direct file organization | | [**C.**](javascript:%20void%200;) | indexed sequential file organization | | [**D.**](javascript:%20void%200;) | partitioned file organization | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |

|  |  |
| --- | --- |
| 1. | What was the total number of UNIVAC-I sold eventually and by which company? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 30, British Tabulating Machine Co. (BTM) | | [**B.**](javascript:%20void%200;) | 40, International Business Machines (IBM) | | [**C.**](javascript:%20void%200;) | 48, Remington Rand | | [**D.**](javascript:%20void%200;) | 40, International Computer Ltd. (ICL) | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 2. | A file containing relatively permanent data is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Random file | | [**B.**](javascript:%20void%200;) | Transaction file | | [**C.**](javascript:%20void%200;) | Master file | | [**D.**](javascript:%20void%200;) | Sequential file | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 3. | Communication that involves computers, establishing a link through the telephone system is called |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Teleprocessing | | [**B.**](javascript:%20void%200;) | Microprocessing | | [**C.**](javascript:%20void%200;) | Telecommunications | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 4. | Dot-matrix is a type of |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Tape | | [**B.**](javascript:%20void%200;) | Printer | | [**C.**](javascript:%20void%200;) | Disk | | [**D.**](javascript:%20void%200;) | Bus | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 5. | Which kind of devices allows the user to add components and capabilities to a computer system? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | System boards | | [**B.**](javascript:%20void%200;) | Storage devices | | [**C.**](javascript:%20void%200;) | Input devices | | [**D.**](javascript:%20void%200;) | Output devices | | [**E.**](javascript:%20void%200;) | Expansion slots |   **Answer:** |

|  |  |
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| 6. | When an input electrical signal A=10100 is applied to a NOT gate, its output signal is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 01011 | | [**B.**](javascript:%20void%200;) | 10001 | | [**C.**](javascript:%20void%200;) | 10101 | | [**D.**](javascript:%20void%200;) | 00101 | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 7. | The first practical commercial typewriter was invented in 1867 in the United States by |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Christopher Latham Sholes | | [**B.**](javascript:%20void%200;) | Carlos Glidden | | [**C.**](javascript:%20void%200;) | Samuel Soule | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 8. | What is meant by quad-density (QD) diskette? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | It is double-sided disk | | [**B.**](javascript:%20void%200;) | It is double density disk | | [**C.**](javascript:%20void%200;) | It has double the number of tracks per inch | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 9. | Large computer system typically uses: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Line printers | | [**B.**](javascript:%20void%200;) | Ink-jet printers | | [**C.**](javascript:%20void%200;) | Dot-matrix printers | | [**D.**](javascript:%20void%200;) | Daisy wheel printers | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 10. | First generation computers are characterised by |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Vaccum tubes and magnetic drum | | [**B.**](javascript:%20void%200;) | Minicomputers | | [**C.**](javascript:%20void%200;) | Magnetic tape and transistors | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |

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| --- | --- |
| 1. | A typical modern computer uses |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | LSI chips | | [**B.**](javascript:%20void%200;) | Vacuum tubes | | [**C.**](javascript:%20void%200;) | Valves | | [**D.**](javascript:%20void%200;) | All the above | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 2. | ENIAC (Electronic Numerical Integrator and Calculator) had huge advantage over Mark I because it used electronic valves in place of the electromagnetic switches. In the beginning, ENIAC was used for calculating the path of artillery shells. For which other was weapon design was it utilized? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | hydrogen bomb | | [**B.**](javascript:%20void%200;) | atom bomb | | [**C.**](javascript:%20void%200;) | agnimissile | | [**D.**](javascript:%20void%200;) | fighter aircraft | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 3. | Who was the father of Punched Card Processing? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | J Presper Eckert | | [**B.**](javascript:%20void%200;) | Charles Babbage | | [**C.**](javascript:%20void%200;) | Dr. Herman Hollerith | | [**D.**](javascript:%20void%200;) | Blaise Pascal | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 4. | When did Hewlett-Packard Inc. Introduce its first HP-110 laptop computer? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 1984 | | [**B.**](javascript:%20void%200;) | 1986 | | [**C.**](javascript:%20void%200;) | 1990 | | [**D.**](javascript:%20void%200;) | 1995 | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 5. | The computer program language which is widely used in computer science and engineering and also in business is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | COBOL | | [**B.**](javascript:%20void%200;) | FORTRAN | | [**C.**](javascript:%20void%200;) | PASCAL | | [**D.**](javascript:%20void%200;) | LISP | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |

|  |  |
| --- | --- |
| 6. | Which of the following bus types are used by the Apple Macintosh computer? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | ISA | | [**B.**](javascript:%20void%200;) | NuBus | | [**C.**](javascript:%20void%200;) | EISA | | [**D.**](javascript:%20void%200;) | MCA | | [**E.**](javascript:%20void%200;) | PCI Bus |   **Answer:** |
| 7. | When the time to establish link is large and the size of data is small, the preferred mode of data transfer is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Circuit switching | | [**B.**](javascript:%20void%200;) | Packet switching | | [**C.**](javascript:%20void%200;) | Time division multiplexing | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 8. | Group of instructions that directs a computer is called |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Storage | | [**B.**](javascript:%20void%200;) | Memory | | [**C.**](javascript:%20void%200;) | Logic | | [**D.**](javascript:%20void%200;) | Program | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 9. | A computer-controlled device for training exercises that duplicates the work environment is a: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | simulator | | [**B.**](javascript:%20void%200;) | duplicator | | [**C.**](javascript:%20void%200;) | trainer | | [**D.**](javascript:%20void%200;) | COM device | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 10. | Which of the following is not an output device of a computer? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Printer | | [**B.**](javascript:%20void%200;) | keyboard | | [**C.**](javascript:%20void%200;) | VDU | | [**D.**](javascript:%20void%200;) | CRT screen | | [**E.**](javascript:%20void%200;) | All of the above |   **Answer:** |

|  |  |
| --- | --- |
| 1. | In negative logic, the logic state 1 corresponds to |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | negative voltage | | [**B.**](javascript:%20void%200;) | zero voltage | | [**C.**](javascript:%20void%200;) | more negative voltage | | [**D.**](javascript:%20void%200;) | lower voltage level | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 2. | Which of the following is a part of the Central Processing Unit? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Printer | | [**B.**](javascript:%20void%200;) | Keyboard | | [**C.**](javascript:%20void%200;) | ) Mouse | | [**D.**](javascript:%20void%200;) | Arithmetic Logic Unit | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 3. | The least expensive OCR units can read |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | hand printed numbers | | [**B.**](javascript:%20void%200;) | machine printed numbers | | [**C.**](javascript:%20void%200;) | marks | | [**D.**](javascript:%20void%200;) | handwriting | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 4. | The input unit of a computer |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | feeds data to the CPU or memory | | [**B.**](javascript:%20void%200;) | retrieves data from CPU | | [**C.**](javascript:%20void%200;) | directs all other units | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 5. | File specification books are created primarily for the use of |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | systems analysts | | [**B.**](javascript:%20void%200;) | programmers | | [**C.**](javascript:%20void%200;) | operators | | [**D.**](javascript:%20void%200;) | managers | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |

|  |  |
| --- | --- |
| 6. | Which of the following is usually a special one-time operation that must be completed over a limited time period? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Batch | | [**B.**](javascript:%20void%200;) | Patch | | [**C.**](javascript:%20void%200;) | Project | | [**D.**](javascript:%20void%200;) | Word | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 7. | A device or system not directly connected to the CPU is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | On-line | | [**B.**](javascript:%20void%200;) | Keyboard | | [**C.**](javascript:%20void%200;) | Memory | | [**D.**](javascript:%20void%200;) | Off-line | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 8. | The microprocessor of a computer cannot operate on any information if that information is not in its. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | secondary storage | | [**B.**](javascript:%20void%200;) | main storage | | [**C.**](javascript:%20void%200;) | ALU | | [**D.**](javascript:%20void%200;) | logic unit | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 9. | A device which converts human readable data into machine language is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Card reader | | [**B.**](javascript:%20void%200;) | Card punch | | [**C.**](javascript:%20void%200;) | Punched paper tape | | [**D.**](javascript:%20void%200;) | Character reader | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |
| 10. | What digits are representative of all binary numbers? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 0 | | [**B.**](javascript:%20void%200;) | 1 | | [**C.**](javascript:%20void%200;) | Both (a) and (b) | | [**D.**](javascript:%20void%200;) | 3 | | [**E.**](javascript:%20void%200;) | None of the above |   **Answer:** |

1 D

2 B

3 C

4 A

5 B

6 A

7 A

8 B

9 A

10 C

11 A

12 B

13 B

14 C

15 A

16 C

17 A

18 A

19 C

20 B

21 C

22 C

23 C

24 B

25 E

26 A

27 D

28 D

29 A

30 A

31 A

32 A

33 C

34 A

35 C

36 B

37 B

38 D

39 A

40 B

41 D

42 D

43 C

44 A

45 B

46 C

47 D

48 B

49 D

50 C