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| 1. | What is the term used for describing the judgmental or commonsense part of problem solving? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Heuristic | | [**B.**](javascript:%20void%200;) | Critical | | [**C.**](javascript:%20void%200;) | Value based | | [**D.**](javascript:%20void%200;) | Analytical | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 2. | What stage of the manufacturing process has been described as "the mapping of function onto form"? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Design | | [**B.**](javascript:%20void%200;) | Distribution | | [**C.**](javascript:%20void%200;) | project management | | [**D.**](javascript:%20void%200;) | field service | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 3. | Which kind of planning consists of successive representations of different levels of a plan? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | hierarchical planning | | [**B.**](javascript:%20void%200;) | non-hierarchical planning | | [**C.**](javascript:%20void%200;) | All of the above | | [**D.**](javascript:%20void%200;) | project planning | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 4. | What was originally called the "imitation game" by its creator? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | The Turing Test | | [**B.**](javascript:%20void%200;) | LISP | | [**C.**](javascript:%20void%200;) | The Logic Theorist | | [**D.**](javascript:%20void%200;) | Cybernetics | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 5. | Decision support programs are designed to help managers make: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | budget projections | | [**B.**](javascript:%20void%200;) | visual presentations | | [**C.**](javascript:%20void%200;) | business decisions | | [**D.**](javascript:%20void%200;) | vacation schedules | | [**E.**](javascript:%20void%200;) | None of the above | |
| 6. | PROLOG is an AI programming language which solves problems with a form of symbolic logic known as predicate calculus. It was developed in 1972 at the University of Marseilles by a team of specialists. Can you name the person who headed this team? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Alain Colmerauer | | [**B.**](javascript:%20void%200;) | Nicklaus Wirth | | [**C.**](javascript:%20void%200;) | Seymour Papert | | [**D.**](javascript:%20void%200;) | John McCarthy | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 7. | Programming a robot by physically moving it through the trajectory you want it to follow is called: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | contact sensing control | | [**B.**](javascript:%20void%200;) | continuous-path control | | [**C.**](javascript:%20void%200;) | robot vision control | | [**D.**](javascript:%20void%200;) | pick-and-place control | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 8. | To invoke the LISP system, you must enter |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | AI | | [**B.**](javascript:%20void%200;) | LISP | | [**C.**](javascript:%20void%200;) | CL (Common Lisp) | | [**D.**](javascript:%20void%200;) | both b and c | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 9. | DEC advertises that it helped to create "the world's first expert system routinely used in an industrial environment," called XCON or: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | PDP-11 | | [**B.**](javascript:%20void%200;) | Rl | | [**C.**](javascript:%20void%200;) | VAX | | [**D.**](javascript:%20void%200;) | MAGNOM | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 10. | Prior to the invention of time sharing, the prevalent method of computer access was: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | batch processing | | [**B.**](javascript:%20void%200;) | telecommunication | | [**C.**](javascript:%20void%200;) | remote access | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |
| 11. | Seymour Papert of the MIT AI lab created a programming environment for children called: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | BASIC | | [**B.**](javascript:%20void%200;) | LOGO | | [**C.**](javascript:%20void%200;) | MYCIN | | [**D.**](javascript:%20void%200;) | FORTRAN | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 12. | The Strategic Computing Program is a project of the: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Defense Advanced Research Projects Agency | | [**B.**](javascript:%20void%200;) | National Science Foundation | | [**C.**](javascript:%20void%200;) | Jet Propulsion Laboratory | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 13. | The original LISP machines produced by both LMI and Symbolics were based on research performed at: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | CMU | | [**B.**](javascript:%20void%200;) | MIT | | [**C.**](javascript:%20void%200;) | Stanford University | | [**D.**](javascript:%20void%200;) | RAMD | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 14. | In LISP, the addition 3 + 2 is entered as |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 3 + 2 | | [**B.**](javascript:%20void%200;) | 3 add 2 | | [**C.**](javascript:%20void%200;) | 3 + 2 = | | [**D.**](javascript:%20void%200;) | (+ 3 2) | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 15. | Weak AI is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | the embodiment of human intellectual capabilities within a computer. | | [**B.**](javascript:%20void%200;) | a set of computer programs that produce output that would be considered to reflect intelligence if it were generated by humans. | | [**C.**](javascript:%20void%200;) | the study of mental faculties through the use of mental models implemented on a computer. | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |
| 16. | In LISP, the function assigns the symbol x to y is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | (setq y x) | | [**B.**](javascript:%20void%200;) | (set y = 'x') | | [**C.**](javascript:%20void%200;) | (setq y = 'x') | | [**D.**](javascript:%20void%200;) | (setq y 'x') | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 17. | In LISP, the function returns t if <object> is a CONS cell and nil otherwise: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | (cons <object>) | | [**B.**](javascript:%20void%200;) | (consp <object>) | | [**C.**](javascript:%20void%200;) | (eq <object>) | | [**D.**](javascript:%20void%200;) | (cous = <object>) | | [**E.**](javascript:%20void%200;) | None of the above |   [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.indiabix.com/computer-science/artificial-intelligence/discussion-2664) |

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| 18. | In a rule-based system, procedural domain knowledge is in the form of: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | production rules | | [**B.**](javascript:%20void%200;) | rule interpreters | | [**C.**](javascript:%20void%200;) | meta-rules | | [**D.**](javascript:%20void%200;) | control rules | | [**E.**](javascript:%20void%200;) | None of the above |   [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.indiabix.com/computer-science/artificial-intelligence/discussion-2654) |

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| 19. | If a robot can alter its own trajectory in response to external conditions, it is considered to be: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | intelligent | | [**B.**](javascript:%20void%200;) | mobile | | [**C.**](javascript:%20void%200;) | open loop | | [**D.**](javascript:%20void%200;) | non-servo | | [**E.**](javascript:%20void%200;) | None of the above |   [View Answer](javascript:%20void%200;) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) [Discuss in Forum](http://www.indiabix.com/computer-science/artificial-intelligence/discussion-2678) |

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| 20. | One of the leading American robotics centers is the Robotics Institute located at: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | CMU | | [**B.**](javascript:%20void%200;) | MIT | | [**C.**](javascript:%20void%200;) | RAND | | [**D.**](javascript:%20void%200;) | SRI | | [**E.**](javascript:%20void%200;) | None of the above | |
| 21. | In LISP, the function returns the first element of a list Is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | set | | [**B.**](javascript:%20void%200;) | car | | [**C.**](javascript:%20void%200;) | first | | [**D.**](javascript:%20void%200;) | second | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 22. | Nils Nilsson headed a team at SRI that created a mobile robot named: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Robitics | | [**B.**](javascript:%20void%200;) | Dedalus | | [**C.**](javascript:%20void%200;) | Shakey | | [**D.**](javascript:%20void%200;) | Vax | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 23. | An AI technique that allows computers to understand associations and relationships between objects and events is called: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | heuristic processing | | [**B.**](javascript:%20void%200;) | cognitive science | | [**C.**](javascript:%20void%200;) | relative symbolism | | [**D.**](javascript:%20void%200;) | pattern matching | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 24. | The new organization established to implement the Fifth Generation Project is called: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | ICOT (Institute for New Generation Computer Technology) | | [**B.**](javascript:%20void%200;) | MITI (Ministry of International Trade and Industry) | | [**C.**](javascript:%20void%200;) | MCC (Microelectronics and Computer Technology Corporation) | | [**D.**](javascript:%20void%200;) | SCP (Stategic Computing Program) | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 25. | The field that investigates the mechanics of human intelligence is: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | history | | [**B.**](javascript:%20void%200;) | cognitive science | | [**C.**](javascript:%20void%200;) | psychology | | [**D.**](javascript:%20void%200;) | sociology | | [**E.**](javascript:%20void%200;) | None of the above | |
| 26. | A problem is first connected to its proposed solution during the \_\_\_\_\_ stage. |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | conceptualization | [**B.**](javascript:%20void%200;) | identification | | [**C.**](javascript:%20void%200;) | formalization | [**D.**](javascript:%20void%200;) | implementation. | | [**E.**](javascript:%20void%200;) | testing |  |  | |

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| 27. | What is the name of the computer program that simulates the thought processes of human beings? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Human logic | | [**B.**](javascript:%20void%200;) | Expert reason | | [**C.**](javascript:%20void%200;) | Expert system | | [**D.**](javascript:%20void%200;) | Personal information | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 28. | What is the name of the computer program that contains the distilled knowledge of an expert? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Data base management system | | [**B.**](javascript:%20void%200;) | Management information System | | [**C.**](javascript:%20void%200;) | Expert system | | [**D.**](javascript:%20void%200;) | Artificial intelligence | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 29. | Claude Shannon described the operation of electronic switching circuits with a system of mathematical logic called: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | LISP | | [**B.**](javascript:%20void%200;) | XLISP | | [**C.**](javascript:%20void%200;) | Boolean algebra | | [**D.**](javascript:%20void%200;) | neural networking | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 30. | A computer program that contains expertise in a particular domain is called an: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | intelligent planner | | [**B.**](javascript:%20void%200;) | automatic processor | | [**C.**](javascript:%20void%200;) | expert system | | [**D.**](javascript:%20void%200;) | operational symbolizer | | [**E.**](javascript:%20void%200;) | None of the above | |
| 31. | Ambiguity may be caused by: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | syntactic ambiguity | | [**B.**](javascript:%20void%200;) | multiple word meanings | | [**C.**](javascript:%20void%200;) | unclear antecedents | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 32. | Which company offers the LISP machine considered to be "the most powerful symbolic processor available"? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | LMI | | [**B.**](javascript:%20void%200;) | Symbolics | | [**C.**](javascript:%20void%200;) | Xerox | | [**D.**](javascript:%20void%200;) | Texas Instruments | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 33. | What of the following is considered to be a pivotal event in the history of AI. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | 1949, Donald O, The organization of Behaviour, | | [**B.**](javascript:%20void%200;) | 1950, Computing Machinery and Intelligence. | | [**C.**](javascript:%20void%200;) | 1956, Dartmouth University Conference Organized by John McCarthy | | [**D.**](javascript:%20void%200;) | 1961, Computer and Computer Sense. | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 34. | Natural language processing is divided into the two subfields of: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | symbolic and numeric | | [**B.**](javascript:%20void%200;) | time and motion | | [**C.**](javascript:%20void%200;) | algorithmic and heuristic | | [**D.**](javascript:%20void%200;) | understanding and generation | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 35. | High-resolution, bit-mapped displays are useful for displaying: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | clearer characters | | [**B.**](javascript:%20void%200;) | graphics | | [**C.**](javascript:%20void%200;) | more characters | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |
| 36. | A bidirectional feedback loop links computer modelling with: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | artificial science | | [**B.**](javascript:%20void%200;) | heuristic processing | | [**C.**](javascript:%20void%200;) | human intelligence | | [**D.**](javascript:%20void%200;) | cognitive science | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 37. | Which of the following have people traditionally done better than computers? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | recognizing relative importance | | [**B.**](javascript:%20void%200;) | finding similarities | | [**C.**](javascript:%20void%200;) | resolving ambiguity | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | (a) and (c) above. | |

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| 38. | In LISP, the function evaluates both <variable> and <object> is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | set | | [**B.**](javascript:%20void%200;) | setq | | [**C.**](javascript:%20void%200;) | add | | [**D.**](javascript:%20void%200;) | eva | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 39. | Which type of actuator generates a good deal of power but tends to be messy? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | electric | | [**B.**](javascript:%20void%200;) | hydraulic | | [**C.**](javascript:%20void%200;) | pneumatic | | [**D.**](javascript:%20void%200;) | (B) and (c) above | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 40. | Research scientists all over the world are taking steps towards building computers with circuits patterned after the complex inter connections existing among the human brain's nerve cells. What name is given to such type of computers? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Intelligent computers | | [**B.**](javascript:%20void%200;) | Supercomputers | | [**C.**](javascript:%20void%200;) | Neural network computers | | [**D.**](javascript:%20void%200;) | Smart computers | | [**E.**](javascript:%20void%200;) | None of the above | |
| 41. | The hardware features of LISP machines generally include: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | large memory and a high-speed processor | | [**B.**](javascript:%20void%200;) | letter-quality printers and 8-inch disk drives | | [**C.**](javascript:%20void%200;) | a mouse and a specialized keyboard | | [**D.**](javascript:%20void%200;) | both (a) and (c) | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 42. | In 1985, the famous chess player David Levy beat a world champion chess program in four straight games by using orthodox moves that confused the program. What was the name of the chess program? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Kaissa | | [**B.**](javascript:%20void%200;) | CRAY BLITZ | | [**C.**](javascript:%20void%200;) | Golf | | [**D.**](javascript:%20void%200;) | DIGDUG | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 43. | The explanation facility of an expert system may be used to: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | construct a diagnostic model | | [**B.**](javascript:%20void%200;) | expedite the debugging process | | [**C.**](javascript:%20void%200;) | explain the system's reasoning process | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | both (b) and (c) | |

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| 44. | A process that is repeated, evaluated, and refined is called: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | diagnostic | | [**B.**](javascript:%20void%200;) | descriptive | | [**C.**](javascript:%20void%200;) | interpretive | | [**D.**](javascript:%20void%200;) | iterative | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 45. | Visual clues that are helpful in computer vision include: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | colour and motion | | [**B.**](javascript:%20void%200;) | depth and texture | | [**C.**](javascript:%20void%200;) | height and weight | | [**D.**](javascript:%20void%200;) | a and b above | | [**E.**](javascript:%20void%200;) | None of the above | |
| 46. | In LISP, the function X (x). (2x+l) would be rendered as |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | (lambda (x) (+(\*2 x)l)) | | [**B.**](javascript:%20void%200;) | (lambda (x) (+1 (\* 2x) | | [**C.**](javascript:%20void%200;) | (+ lambda (x) 1 (\*2x)) | | [**D.**](javascript:%20void%200;) | (\* lambda(x) (+2x1) | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 47. | A natural language generation program must decide: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | what to say | | [**B.**](javascript:%20void%200;) | when to say something | | [**C.**](javascript:%20void%200;) | why it is being used | | [**D.**](javascript:%20void%200;) | both (a) and (b) | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 48. | Who is considered to be the "father" of artificial intelligence? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Fisher Ada | | [**B.**](javascript:%20void%200;) | John McCarthy | | [**C.**](javascript:%20void%200;) | Allen Newell | | [**D.**](javascript:%20void%200;) | Alan Turning | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 49. | In which of the following areas may ICAI programs prove to be useful? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | educational institutions | | [**B.**](javascript:%20void%200;) | corporations | | [**C.**](javascript:%20void%200;) | department of Defence | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 50. | A network with named nodes and labeled arcs that can be used to represent certain natural language grammars to facilitate parsing. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Tree Network | | [**B.**](javascript:%20void%200;) | Star Network | | [**C.**](javascript:%20void%200;) | Transition Network | | [**D.**](javascript:%20void%200;) | Complete Network | | [**E.**](javascript:%20void%200;) | None of the above | |
| 51. | A series of AI systems developed by Pat Langley to explore the role of heuristics in scientific discovery. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | RAMD | | [**B.**](javascript:%20void%200;) | BACON | | [**C.**](javascript:%20void%200;) | MIT | | [**D.**](javascript:%20void%200;) | DU | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 52. | A.M. turing developed a technique for determining whether a computer could or could not demonstrate the artificial Intelligence,, Presently, this technique is called |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Turing Test | | [**B.**](javascript:%20void%200;) | Algorithm | | [**C.**](javascript:%20void%200;) | Boolean Algebra | | [**D.**](javascript:%20void%200;) | Logarithm | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 53. | A Personal Consultant knowledge base contain information in the form of: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | parameters | | [**B.**](javascript:%20void%200;) | contexts | | [**C.**](javascript:%20void%200;) | production rules | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 54. | Which approach to speech recognition avoids the problem caused by the variation in speech patterns among different speakers? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Continuous speech recognition | | [**B.**](javascript:%20void%200;) | Isolated word recognition | | [**C.**](javascript:%20void%200;) | Connected word recognition | | [**D.**](javascript:%20void%200;) | Speaker-dependent recognition | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 55. | Which of the following, is a component of an expert system? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | inference engine | | [**B.**](javascript:%20void%200;) | knowledge base | | [**C.**](javascript:%20void%200;) | user interface | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |
| 56. | A computer vision technique that relies on image templates is: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | edge detection | | [**B.**](javascript:%20void%200;) | binocular vision | | [**C.**](javascript:%20void%200;) | model-based vision | | [**D.**](javascript:%20void%200;) | robot vision | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 57. | DARPA, the agency that has funded a great deal of American AI research, is part of the Department of: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Defense | | [**B.**](javascript:%20void%200;) | Energy, | | [**C.**](javascript:%20void%200;) | Education | | [**D.**](javascript:%20void%200;) | Justice | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 58. | Which of these schools was not among the early leaders in AI research? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Dartmouth University | | [**B.**](javascript:%20void%200;) | Harvard University | | [**C.**](javascript:%20void%200;) | Massachusetts Institute of Technology | | [**D.**](javascript:%20void%200;) | Stanford University | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 59. | A certain Professor at the Stanford University coined the word 'artificial intelligence' in 1956 at a conference held at Dartmouth college. Can you name the Professor? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | David Levy | | [**B.**](javascript:%20void%200;) | John McCarthy | | [**C.**](javascript:%20void%200;) | Joseph Weizenbaum | | [**D.**](javascript:%20void%200;) | Hans Berliner | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 60. | In LISP, the function (copy-list <list>) |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | returns a new list that is equal to <list> by copying the top-level element of <list> | | [**B.**](javascript:%20void%200;) | returns the length of <list> | | [**C.**](javascript:%20void%200;) | returns t if <list> is empty. | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |
| 61. | LISP machines also are known as: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | AI workstations | | [**B.**](javascript:%20void%200;) | time-sharing terminals | | [**C.**](javascript:%20void%200;) | super mini computers | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 62. | Natural language processing can be divided into the two subfields of: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | context and expectations | | [**B.**](javascript:%20void%200;) | generation and understanding | | [**C.**](javascript:%20void%200;) | semantics of pragmatics | | [**D.**](javascript:%20void%200;) | recognition and synthesis | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 63. | How many ALU(s) is/are control by one control unit is SIMD (single instruction stream, multiple data stream) architecture? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | one or more ALUs | | [**B.**](javascript:%20void%200;) | One ALU | | [**C.**](javascript:%20void%200;) | Only two ALU . | | [**D.**](javascript:%20void%200;) | Impossible to say | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 64. | Which of the following function returns t if the object is a number in LISP? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | (number <object>) | | [**B.**](javascript:%20void%200;) | (numberp <object>) | | [**C.**](javascript:%20void%200;) | (numericp <object>) | | [**D.**](javascript:%20void%200;) | (numeric <object>) | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 65. | Which of the following have computers traditionally done better than people? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | storing information | | [**B.**](javascript:%20void%200;) | responding flexibly | | [**C.**](javascript:%20void%200;) | computing numerically | | [**D.**](javascript:%20void%200;) | both (a) and (c) | | [**E.**](javascript:%20void%200;) | None of the above | |
| 66. | The characteristics of the computer system capable of thinking, reasoning and learning is known is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | machine intelligence | | [**B.**](javascript:%20void%200;) | human intelligence | | [**C.**](javascript:%20void%200;) | artificial intelligence | | [**D.**](javascript:%20void%200;) | virtual intelligence | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 67. | What part of the manufacturing process relate to each stage of the process and to the process as a whole? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | field service | | [**B.**](javascript:%20void%200;) | design | | [**C.**](javascript:%20void%200;) | distribution | | [**D.**](javascript:%20void%200;) | project management | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 68. | The area of AI that investigates methods of facilitating communication between people and computers is: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | natural language processing | | [**B.**](javascript:%20void%200;) | symbolic processing | | [**C.**](javascript:%20void%200;) | decision support | | [**D.**](javascript:%20void%200;) | robotics | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 69. | In the 16th century, a Czech rabbi reportedly created a living clay man whose name has become a synonym for an artificial human. The clay man's name was: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Frankenstein | | [**B.**](javascript:%20void%200;) | Golem | | [**C.**](javascript:%20void%200;) | Paracelsus | | [**D.**](javascript:%20void%200;) | Hal | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 70. | For speech understanding systems to gain widespread acceptance in office automation, they must feature: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | speaker independence | | [**B.**](javascript:%20void%200;) | speaker dependence | | [**C.**](javascript:%20void%200;) | isolated word recognition | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |
| 71. | In LISP, the function returns the list that results after the first element is removed (the rest f the list), is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | car | | [**B.**](javascript:%20void%200;) | last | | [**C.**](javascript:%20void%200;) | cons | | [**D.**](javascript:%20void%200;) | cdr | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 72. | Output segments of AI programming contain(s) |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | printed language and synthesized speech | | [**B.**](javascript:%20void%200;) | Manipulation of physical object | | [**C.**](javascript:%20void%200;) | Locomotion | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 73. | LISP was created by: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | John McCarthy | | [**B.**](javascript:%20void%200;) | Marvin Minsky | | [**C.**](javascript:%20void%200;) | Alan Turing | | [**D.**](javascript:%20void%200;) | Allen Newell and Herbert Simon | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 74. | Expert Ease was developed under the direction of: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | John McCarthy | | [**B.**](javascript:%20void%200;) | Donald Michie | | [**C.**](javascript:%20void%200;) | Lofti Zadeh | | [**D.**](javascript:%20void%200;) | Alan Turing | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 75. | An AI system developed by Terry A. Winograd to permit an interactive dialogue about a domain he called blocks-world. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | SHRDLU | | [**B.**](javascript:%20void%200;) | SIMD | | [**C.**](javascript:%20void%200;) | BACON | | [**D.**](javascript:%20void%200;) | STUDENT | | [**E.**](javascript:%20void%200;) | None of the above | |
| 76. | MLMenu, a natural language interface for the TI Explorer, is similar to: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Ethernet | | [**B.**](javascript:%20void%200;) | NaturalLink | | [**C.**](javascript:%20void%200;) | PROLOG | | [**D.**](javascript:%20void%200;) | the Personal Consultant | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 77. | How many control unit(s) is/are available in SISD (single data stream, single data stream) architecture? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | one | | [**B.**](javascript:%20void%200;) | two | | [**C.**](javascript:%20void%200;) | more than one | | [**D.**](javascript:%20void%200;) | Mone | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 78. | Strong AI is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | the embodiment of human intellectual capabilities within a computer. | | [**B.**](javascript:%20void%200;) | a set of computer programs that produce output that would be considered to reflect intelligence if it were generated by humans. | | [**C.**](javascript:%20void%200;) | the study of mental faculties through the use of mental models implemented on a computer. | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 79. | The traditional way to exit and LISP system is to enter |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | quit | | [**B.**](javascript:%20void%200;) | exit | | [**C.**](javascript:%20void%200;) | bye | | [**D.**](javascript:%20void%200;) | ok | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 80. | In which of the following situations might a blind search be acceptable? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | real-life situation | | [**B.**](javascript:%20void%200;) | complex game | | [**C.**](javascript:%20void%200;) | small search space | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |
| 81. | In LISP, the function (endp <list>) |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | returns a new list that is equal to <list> by copying the top-level element of <list> | | [**B.**](javascript:%20void%200;) | returns the length of <list> | | [**C.**](javascript:%20void%200;) | returns t if <list> is empty. | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 82. | In LISP, which of the following function assigns the value 10 to the symbol a? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | (setq a 10) | | [**B.**](javascript:%20void%200;) | (a = b) where b = 10 | | [**C.**](javascript:%20void%200;) | (a = 10) (d) (setq 10 a) | | [**D.**](javascript:%20void%200;) | None of the above | |

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| 83. | In LISP, the atom that stands for "False" is |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | t | | [**B.**](javascript:%20void%200;) | nil | | [**C.**](javascript:%20void%200;) | y | | [**D.**](javascript:%20void%200;) | time | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 84. | The expert system developed at MIT to solve mathematical problems is known as: |
| |  |  |  |  | | --- | --- | --- | --- | | [**A.**](javascript:%20void%200;) | RAND | [**B.**](javascript:%20void%200;) | ISIS | | [**C.**](javascript:%20void%200;) | MACSYMA | [**D.**](javascript:%20void%200;) | MOLGEN | | [**E.**](javascript:%20void%200;) | CMU |  |  | |

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| 85. | Which approach to speech recognition avoids the problem caused by the differences in the way words are pronounced according to context? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | continuous speech recognition | | [**B.**](javascript:%20void%200;) | connected word recognition | | [**C.**](javascript:%20void%200;) | isolated word recognition | | [**D.**](javascript:%20void%200;) | speaker-dependent recognition | | [**E.**](javascript:%20void%200;) | None of the above | |
| 86. | A KES knowledge base contains information in the form of: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | associations | | [**B.**](javascript:%20void%200;) | actions | | [**C.**](javascript:%20void%200;) | free text | | [**D.**](javascript:%20void%200;) | schema | | [**E.**](javascript:%20void%200;) | All of the above | |

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| 87. | In AI programming, a list may contain: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | cells | | [**B.**](javascript:%20void%200;) | fields | | [**C.**](javascript:%20void%200;) | pointers | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 88. | In LISP, the function (minusp (-20 4 8 8 1) returns |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | T | | [**B.**](javascript:%20void%200;) | F | | [**C.**](javascript:%20void%200;) | NIL | | [**D.**](javascript:%20void%200;) | -20 | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 89. | Special programs that assist programmers are called: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | heuristic processors | | [**B.**](javascript:%20void%200;) | symbolic programmers | | [**C.**](javascript:%20void%200;) | intelligent programming tools | | [**D.**](javascript:%20void%200;) | program recognizers | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 90. | If the English Philosopher Thomas Hobbes could be called 'grandfather' of artificial intelligence, then who could be called its father? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | A.M. Turning | | [**B.**](javascript:%20void%200;) | John McCarthy | | [**C.**](javascript:%20void%200;) | Allen Newell | | [**D.**](javascript:%20void%200;) | Herbert Simon | | [**E.**](javascript:%20void%200;) | None of the above | |
| 91. | In LISP, the function returns t if <integer> is even and nil otherwise: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | (evenp <integer>) | | [**B.**](javascript:%20void%200;) | (even <integer>) | | [**C.**](javascript:%20void%200;) | (numeven <integer>) | | [**D.**](javascript:%20void%200;) | (numnevenp <integer>) | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 92. | Which of the following is an advantage of using an expert system development tool? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | imposed structure | | [**B.**](javascript:%20void%200;) | knowledge engineering assistance | | [**C.**](javascript:%20void%200;) | rapid prototyping | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 93. | An AI system developed by Daniel Bobrow to read and solve algebra word problems |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | SHRDLU | | [**B.**](javascript:%20void%200;) | SIMD | | [**C.**](javascript:%20void%200;) | BACON | | [**D.**](javascript:%20void%200;) | STUDENT | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 94. | The "Turing Machine" showed that you could use a/an \_\_\_\_\_ system to program any algorithmic task. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | binary | | [**B.**](javascript:%20void%200;) | electro-chemical | | [**C.**](javascript:%20void%200;) | recursive | | [**D.**](javascript:%20void%200;) | semantic | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 95. | MCC is investigating the improvement of the relationship between people and computers through a technology called: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | computer-aided design | | [**B.**](javascript:%20void%200;) | human factors | | [**C.**](javascript:%20void%200;) | parallel processing | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |
| 96. | The first widely-used commercial form of Artificial Intelligence (Al) is being used in many popular products like microwave ovens, automobiles and plug in circuit boards for desktop PCs. It allows machines to handle vague information with a deftness that mimics human intuition. What is the name of this AI? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Boolean logic | | [**B.**](javascript:%20void%200;) | Human logic | | [**C.**](javascript:%20void%200;) | Fuzzy logic | | [**D.**](javascript:%20void%200;) | Functional logic | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 97. | In his landmark book Cybernetics, Norbert Wiener suggested a way of modeling scientific phenomena using not energy, but: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | mathematics | | [**B.**](javascript:%20void%200;) | intelligence | | [**C.**](javascript:%20void%200;) | information | | [**D.**](javascript:%20void%200;) | history | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 98. | Input segments of AI programming contain(s) |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | sound | | [**B.**](javascript:%20void%200;) | smell | | [**C.**](javascript:%20void%200;) | touch | | [**D.**](javascript:%20void%200;) | sight and taste | | [**E.**](javascript:%20void%200;) | All of the above | |

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| 99. | The applications in the Strategic Computing Program include: |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | battle management | | [**B.**](javascript:%20void%200;) | autonomous systems | | [**C.**](javascript:%20void%200;) | pilot's associate | | [**D.**](javascript:%20void%200;) | All of the above | | [**E.**](javascript:%20void%200;) | None of the above | |

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| 100. | In LISP, the function evaluates <object> and assigns this value to the unevaluated <sconst>. |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | (constant <sconst> <object>) | | [**B.**](javascript:%20void%200;) | (defconstant <sconst> <object>) | | [**C.**](javascript:%20void%200;) | (eva <sconst> <object>) | | [**D.**](javascript:%20void%200;) | (eva <object> <sconst>) | | [**E.**](javascript:%20void%200;) | None of the above | |

Answer :

1.A 21.B 41.D 61.A 81.C

2.A 22.C 42.B 62.B 82.A

3.A 23.D 43.E 63.A 83.B

4.A 24.A 44.D 64.B 84.C

5.C 25.B 45.D 65.D 85.C

6.A 26.C 46.A 66.C 86.E

7.B 27.C 47.D 67.D 87.D

8.D 28.C 48.D 68.A 88.A

9.B 29.C 49.D 69.B 89.C

10.A 30.C 50.C 70.A 90.A

11.B 31.D 51.B 71.D 91.A

12.A 32.B 52.A 72.D 92.D

13.B 33.C 53.D 73.A 93.D

14.D 34.D 54.D 74.B 94.A

15.C 35.D 55.D 75.A 95.B

16.D 36.D 56.C 76.B 96.C

17.B 37.D 57.A 77.A 97.C

18.A 38.A 58.B 78.A 98.E

19.A 39.B 59.B 79.B 99.D

20.A 40.C 60.A 80.C 100.B