

# Digital Apprenticeship Program



## Artificial Intelligence, Internet of Things(IOT),Cloud Computing.

Q1.) Artificial intelligence is

- A. The embodiment of human intellectual capabilities within a computer.
- B. A set of computer programs that produce output that would be considered to reflect intelligence if it were generated by humans.
- C. The study of mental faculties through the use of mental models implemented on a computer.
- D. All of the above

Q2.) What is the term used for describing the judgmental or commonsense part of problem solving?

- A. Heuristic
- B. Critical
- C. Value based
- D. Analytical

Q3.) What stage of the manufacturing process has been described as "the mapping of function onto form"

- A. Design
- B. Distribution
- C. Project management
- D. Field service

Q4.) What was originally called the "imitation game" by its creator?

- A. The Turing Test
- B. LISP
- C. The Logic Theorist
- D. Cybernetics

Q5.) Decision support programs are designed to help managers make:

- A. budget projections
- B. visual presentations
- C. business decisions
- D. vacation schedules

Q6.) A series of AI systems developed by Pat Langley to explore the role of heuristics in scientific discovery.

- A. RAMD
- B. BACON
- C. MIT
- D. DU

Q7.) 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. Turing Test
- B. Algorithm
- C. Boolean Algebra
- D. Logarithm

Q8.) The CAI (Computer-Assisted Instruction) technique based on programmed instruction is:

- A. frame-based CAI
- B. generative CAI
- C. problem-solving CAI
- D. intelligent CAI

Q9.) One method of programming a computer to exhibit human intelligence is called modeling or:

- A. simulation
- B. cognitization
- C. duplication
- D. psychic amelioration

Q10.) Browser based hosted mail is the prototypical \_\_\_\_\_ as a Service application.

- A. Software
- B. Platform
- C. Infrastructure
- D. All of the mentioned

Q11.) Natural language processing is divided into the two subfields of:

- A. symbolic and numeric
- B. time and motion
- C. algorithmic and heuristic
- D. understanding and generation

Q.12) The first widely-used commercial form of Artificial Intelligence (AI) 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. Boolean logic
- B. Human logic
- C. Fuzzy logic
- D. Functional logic

Q13.) Point out the wrong statement.

- A. Abstraction enables the key benefit of cloud computing: shared, ubiquitous access
- B. Virtualization assigns a logical name for a physical resource and then provides a pointer to that physical resource when a request is made
- C. All cloud computing applications combine their resources into pools that can be assigned on demand to users
- D. All of the mentioned

Q14.) Point out the correct statement.

- A. A client can request access to a cloud service from any location
- B. A cloud has multiple application instances and directs requests to an instance based on conditions.
- C. Computers can be partitioned into a set of virtual machines with each machine being assigned a workload
- D. All of the mentioned

Q15.) Which of the following is policy based XML security service by Cisco?

- A. Application Oriented Manager
- B. Application Oriented Networking
- C. Application Process Networking
- D. All of the mentioned

Q16.) \_\_\_\_\_ is a mechanism for attaching security tokens to messages.

- A. STT
- B. STS
- C. SAS
- D. All of the mentioned

Q17.) Providing XML Gateway SOA security requires a \_\_\_\_\_ so that encryption is enforced by digital signatures.

- A. Public Key Infrastructure
- B. Private Key Infrastructure
- C. Hybrid Key Infrastructure
- D. None of the mentioned

Q18.) Which of the following is not an OASIS standard for SOA Security?

- A. Security Assertion Markup Language
- B. WS-SecureConversation
- C. Synchronized Multimedia Integration Language
- D. All of the mentioned

Q19.) Which of the following provides data authentication and authorization between client and service?

- A. SAML
- B. WS-SecureConversation
- C. WS-Security
- D. All of the mentioned

Q20.) Point out the wrong statement.

- A. To address SOA security, a set of OASIS standards have been created
- B. WS-SecureConversation attaches a security context token to communications such as SOAP used to transport messages in an SOA enterprise
- C. WS-Trust is an extension of SOA that enforces security by applying tokens such as Kerberos, SAML, or X.509 to messages
- D. None of the mentioned