**IP:-**

|  |  |
| --- | --- |
| **Q.** | **HTML is what type of language ?**  [**A.**](javascript:%20void%200;)  Scripting Language  [**B.**](javascript:%20void%200;)  Markup Language  [**C.**](javascript:%20void%200;)  Programming Language  [**D.**](javascript:%20void%200;)  Network Protocol  **Answer :**Markup Language **[Option : B]**  [Show Answer](javascript:%20void%200;) |
| **Q.** | **HTML uses**  [**A.**](javascript:%20void%200;)  User defined tags  [**B.**](javascript:%20void%200;)  Pre-specified tags  [**C.**](javascript:%20void%200;)  Fixed tags defined by the language  [**D.**](javascript:%20void%200;)  Tags only for linking  **Answer :**Fixed tags defined by the language **[Option : C]**  [Show Answer](javascript:%20void%200;) |
| **Q.** | **The year in which HTML was first proposed \_\_\_\_\_\_\_.**  [**A.**](javascript:%20void%200;)  1990  [**B.**](javascript:%20void%200;)  1980  [**C.**](javascript:%20void%200;)  2000  [**D.**](javascript:%20void%200;)  1995  **Answer :**1990 **[Option : A]**  [Show Answer](javascript:%20void%200;) |
| **Q.** | **Fundamental HTML Block is known as \_\_\_\_\_\_\_\_\_\_\_.**  [**A.**](javascript:%20void%200;)  HTML Body  [**B.**](javascript:%20void%200;)  HTML Tag  [**C.**](javascript:%20void%200;)  HTML Attribute  [**D.**](javascript:%20void%200;)  HTML Element  **Answer :**HTML Tag **[Option : B]**  [Show Answer](javascript:%20void%200;) |
| **Q.** | **Apart from <b> tag, what other tag makes text bold ?**  [**A.**](javascript:%20void%200;)  <fat>  [**B.**](javascript:%20void%200;)  <strong>  [**C.**](javascript:%20void%200;)  <black>  [**D.**](javascript:%20void%200;)  <emp>   |  |  | | --- | --- | | **Q.** | **What is the full form of HTML?**  [**A.**](javascript:%20void%200;)  HyperText Markup Language  [**B.**](javascript:%20void%200;)  Hyper Teach Markup Language  [**C.**](javascript:%20void%200;)  Hyper Tech Markup Language  [**D.**](javascript:%20void%200;)  None of these  **Answer :**HyperText Markup Language **[Option : A]**  [Show Answer](javascript:%20void%200;) | | **Q.** | **Who is Known as the father of World Wide Web (WWW)?**  [**A.**](javascript:%20void%200;)  Robert Cailliau  [**B.**](javascript:%20void%200;)  Tim Thompson  [**C.**](javascript:%20void%200;)  Charles Darwin  [**D.**](javascript:%20void%200;)  Tim Berners-Lee  **Answer :**Tim Berners-Lee **[Option : D]**  [Show Answer](javascript:%20void%200;) | | **Q.** | **What should be the first tag in any HTML document?**  [**A.**](javascript:%20void%200;)  <head>  [**B.**](javascript:%20void%200;)  <title>  [**C.**](javascript:%20void%200;)  <html>  [**D.**](javascript:%20void%200;)  <document>  **Answer :**<html> **[Option : C]**  [Show Answer](javascript:%20void%200;) | | **Q.** | **How can you make a bulleted list with numbers?**  [**A.**](javascript:%20void%200;)  <dl>  [**B.**](javascript:%20void%200;)  <ol>  [**C.**](javascript:%20void%200;)  <list>  [**D.**](javascript:%20void%200;)  <ul>  **Answer :**<ol> **[Option : B]**  [Show Answer](javascript:%20void%200;) | | **Q.** | **What tag is used to display a picture in a HTML page?**  [**A.**](javascript:%20void%200;)  picture  [**B.**](javascript:%20void%200;)  image  [**C.**](javascript:%20void%200;)  img  [**D.**](javascript:%20void%200;)  src  **Answer :**img **[Option : C]**  [Show Answer](javascript:%20void%200;) |   **Answer :**<strong> **[Option : B]**  [Show Answer](javascript:%20void%200;) |

**SE:-**

1. Software is defined as \_\_\_\_\_\_\_\_\_\_\_  
a) Software is set of programs, documentation & configuration of data  
b) Software is set of programs  
c) Software is documentation and configuration of data  
d) None of the mentioned  
View Answer

Answer: a  
Explanation: Software is a collection of programmes; it also includes documentation and data setup to enable the programmes to function. Microsoft windows, excel, word, powerpoint, etc. are few examples of software.

2. What is Software Engineering?  
a) Software Engineering refers to designing a software  
b) Software Engineering refers to testing a software  
c) Software Engineering refers to the application of engineering principles to the design a software  
d) None of the above  
View Answer

Answer: c

3. What is the father of Software Engineering?  
a) Margaret Hamilton  
b) Watts S. Humphrey  
c) Alan Turing  
d) Boris Beizer  
View Answer

Answer: b

4. What are the features of Software Code in Software Engineering?  
a) Simplicity  
b) Accessibility  
c) Modularity  
d) All of the above  
View Answer

Answer: c

5. \_\_\_\_\_\_\_\_\_\_\_\_ is a software engineering activity that is not a part of software processes?  
a) Software validation  
b) Software specification  
c) Software development  
d) Software dependence  
View Answer

Answer: d

6. Incorrect statement among the following statements regarding software engineering is?  
a) Computer science belongs to Software engineering  
b) Software engineering belongs to Computer science  
c) Software engineering is concerned with the practicalities of developing and delivering useful software  
d) Software engineering is a part of more general form of System Engineering  
View Answer

Answer: a

7. CASE stands for  
a) Computer Aided Software Engineering  
b) Control Aided Software Engineering  
c) Cost Aided Software Engineering  
d) None of the mentioned  
View Answer

Answer: a

8. \_\_\_\_\_\_\_\_ is defined as the process of generating analysis and designing documents?  
a) Re-engineering  
b) Reverse engineering  
c) Software re-engineering  
d) Software engineering  
View Answer

Answer: b

9. The activity that distributes estimated effort across the planned project duration by allocating the effort to specific software engineering tasks is \_\_\_\_\_\_\_\_\_\_\_\_  
a) Software Project scheduling  
b) Software Detailed schedule  
c) Software Macroscopic schedule  
d) None of the mentioned  
View Answer

Answer: a

10. \_\_\_\_\_\_\_\_\_ does not account for the fundamental notions of software engineering.  
a) Software Validation  
b) Software reuse  
c) Software processes  
d) Software Security  
View Answer

Answer: a

**TCS:**

**1. L = (an bn an | n = 1,2,3)  is an example of a language that is**

(A) Context free

(B) Not context free

(C) Not context free but whose complement is CF

(D) Both (b) and (c)

[Correct Answer](javascript:%20return%20null;)

Answer: Option D

**2. The set of all strings over the alphabet S = {a, b} (including e) is denoted by**

(A) (a + b)\*

(B) (a + b)+

(C) a+b+

(D) a\*b\*

[Correct Answer](javascript:%20return%20null;)

Answer: Option A

**3. Which of the following strings is not generated by the following grammar? S ? SaSbS|e**

(A) aabb

(B) abab

(C) aababb

(D) aaabb

[Correct Answer](javascript:%20return%20null;)

Answer: Option D

**4. If L1 and L2 are context free language and R a regular set, then which one of the languages below is not necessarily a context free language?**

(A) L1L2

(B) L1∩ L2

(C) L1 ∩ R

(D) L1∪ L2

[Correct Answer](javascript:%20return%20null;)

Answer: Option B

**5. Which of the following regular expression identity is true?**

(A) r(\*) = r\*

(B) (r\*s\*)\* = (r + s)\*

(C) (r + s)\* = r\* + s\*

(D) r\*s\* = r\* + s\*

[Correct Answer](javascript:%20return%20null;)

**6. The logic of pumping lemma is a good example of**

(A) Pigeon-hole principle

(B) Divide-and-conquer technique

(C) Recursion

(D) Iteration

[Correct Answer](javascript:%20return%20null;)

Answer: Option A

**NETWORKING:**

1) Which of these is a standard interface for serial data transmission?

1. ASCII
2. RS232C
3. 2
4. Centronics

Hide Answer Workspace

**Answer:** (b) RS232C

2) Which type of topology is best suited for large businesses which must carefully control and coordinate the operation of distributed branch outlets?

1. Ring
2. Local area
3. Hierarchical
4. Star

Hide Answer Workspace

**Answer:** (d) Star

3) Which of the following transmission directions listed is not a legitimate channel?

1. Simplex
2. Half Duplex
3. Full Duplex
4. Double Duplex

Hide Answer Workspace

**Answer:** (d) Double Duplex

5) What kind of transmission medium is most appropriate to carry data in a computer network that is exposed to electrical interferences?

1. Unshielded twisted pair
2. Optical fiber
3. Coaxial cable
4. Microwave

Hide Answer Workspace

**Answer:** (b) Optical fiber

6) A collection of hyperlinked documents on the internet forms the ?.?

1. World Wide Web (WWW)
2. E-mail system
3. Mailing list
4. Hypertext markup language

Hide Answer Workspace

**Answer:** (a) World Wide Web (WWW)

7) The location of a resource on the internet is given by its?

1. Protocol
2. URL
3. E-mail address
4. ICQ

Hide Answer Workspace

**Answer:** (b) URL

8) The term HTTP stands for?

1. Hyper terminal tracing program
2. Hypertext tracing protocol
3. Hypertext transfer protocol
4. Hypertext transfer program

Hide Answer Workspace

**Answer:** (c) Hypertext transfer protocol

9) A proxy server is used as the computer?

1. with external access
2. acting as a backup
3. performing file handling
4. accessing user permissions

Hide Answer Workspace

**Answer:** (a) with external access

10) Which one of the following would breach the integrity of a system?

1. Looking the room to prevent theft
2. Full access rights for all users
3. Fitting the system with an anti-theft device
4. Protecting the device against willful or accidental damage

Hide Answer Workspace

**Answer:** (b) Full access rights for all users