

INTERNET PROGRAMMING

- 1: The common element which describe the web page, is ?
 - A.heading
 - B.paragraph
 - C.list
 - D.All of these

- 2: HTML stands for?
 - A.Hyper Text Markup Language
 - B.High Text Markup Language
 - C.Hyper Tabular Markup Language
 - D.None of these

- 3: which of the following tag is used to mark a begining of paragraph ?
 - A.<TD>
 - B.

 - C.<P>
 - D.<TR>

- 4: From which tag descriptive list starts ?
 - A.<LL>
 - B.<DD>
 - C.<DL>
 - D.<DS>

- 5: Correct HTML tag for the largest heading is
 - A. <head>
 - B. <h6>
 - C. <heading>
 - D. <h1>

1. In the context of Internet programming, what does CGI stand for ?
 - Crappy Graphics Interface [aka MS-Windows].
 - Computer Generated Images.
 - Common Gateway Interface.
 - Calculated Graphical Integration.
2. Which language must be used to provide CGI software ?
 - A. Shell Scripts
 - B. Perl.
 - C. C/C++.
 - D. Any Language.
3. What is the difference between a Virus and a Worm?
 - A. A worm is bigger in size.
 - B. A virus attaches itself to another file, while a worm exists independently
 - C. A virus can replicate, a worm can't.
 - D. A virus can damage data, a worm can't
4. What is Java ?
 - A. A small island in south-east Asia.
 - B. A language for providing software on the Internet
 - C. The latest WWW browser
 - D. The latest extensions to HTML.
5. Which company is responsible for creating Java ?
 - A. Netscape Communications Corp.
 - B. Sun Microsystems, Inc.
 - C. Microsoft Corp.
 - D. Oracle

6. Which Unix utilities did the 1988 Internet Worm exploit to gain unauthorised access to systems?

1. 'make' (maintains and regenerates related programs and files).
2. 'rsh' (remotely execute on target machine).
3. 'finger' (display information about local and remote users).
4. 'sendmail' (an e-mail program).

- A. 1, 2 & 4 only.
- B. 2, 3 & 4 only
- C. 3 & 4 only.
- D. All.

7. Which feature makes Java so useful for Internet programming ?

- A. Not from Microsoft - sure to work.
- B. Programs run much faster than CGI.
- C. Java programs will run on any machine, any operating system.
- D. It allows people to have neat animations on their web pages.

8. Consider your answer to the previous question. How does Java provide this feature ?

- A. Code is compiled into lots of different formats, one for each machine/operating system type.
- B. The Java compiler always produces the most optimal assembly code.
- C. Your system provides an interpreter for an abstract machine language, which is the same as the code created by the Java compiler.
- D. By providing a special add-on card for your machine that handles all the Java code.

9. Which part of your system is responsible for implementing the feature that was the answer to the previous questions ?

- A. Brand-new, Java enhanced processor card.
- B. The Java Interpreter supplied by Sun Microsystems.
- C. Operating System.
- D. Java-enabled WWW Browser.

10. The Internet seems to offer the potential for a worldwide virus infection. This is a scary prospect. Why is this not likely?

- A. The existence of firewalls and other security measures on most machines.
- B. Most machines are switched off at night.

- C. The existence of many different platforms, making it impossible for a single virus to infect a large number of them.
- D. Conflicting viruses which kill each other.

11. Java is derived from C++.

Which of the following is supported by Java but not C++ ?

- 1. Strong Typing.
- 2. Support for pointers and pointer-arithmetic.
- 3. Automatic Garbage Collection.
- 4. Built-in support for concurrent programming

- A. 1, 3 and 4 only
- B. 2, 3 and 4 only
- C. 3 and 4 only
- D. All

12. How does the Java system ensure that all code that you download was actually compiled to meet the semantic rules of the language ?

- A. By re-compiling all code that is received.
- B. The system doesn't check (One of Java's security flaws).
- C. The Java run-time system uses a ByteCode verifier to perform a type/semantic check on all incoming code.
- D. There is no need to check because the system can't execute illegal code.

13. In what way is JavaScript related to Java ?

- A. They are the same thing.
- B. They can both be used to perform client-side processing on the Internet.
- C. JavaScript is simply a cut-down version of Java.
- D. JavaScript is the abstract machine language that is produced by all Java compilers.

14. Scenario:

You visit a Java-enhanced web site and suddenly your screen starts being filled with blank dialog boxes. You realise that there must be a hostile applet at this site.

What can you do ?

- A. Quickly change to a different site.
- B. Minimise all the dialogs and carry on.
- C. Kill your WWW Browser (are you sure ?).
- D. Panic and hurl abuse at your machine.

15. What is a Firewall?

- A. A physical separation of a machine from the Internet so no-one can gain access.
- B. A sophisticated Anti-Virus Software.
- C. A sophisticated Anti-Virus algorithm implemented directly in hardware, making it impossible to subvert.
- D. A collection of software & hardware components, placed between two systems, that reduces the risk to a single system in a multi-system environment.

16. Which of these are components of a Firewall?

- A. A screening router.
- B. A dedicated host.
- C. The network segment.
- D. All of the above.

17. What is a Trojan Horse?

- A. A hollow wooden horse described by Aristotle and ridden by Alexander the Great.
- B. A sacrificial chess piece.
- C. A computer program with a bug.
- D. A program which pretends to be legitimate but contains extra code to subvert the system.

18. What do you think of Hackers?

- A. They are irresponsible, dangerous individuals.
- B. They are highly intelligent but socially inept.
- C. Many of my best friends are hackers.
- D. I am one myself and proud of it.

19. What is a Polymorphic Virus?

- A. One that changes colour repeatedly.
- B. A virus which encrypts or scrambles its code with each replication so no copy is the same.
- C. A virus containing other viruses.
- D. A virus which can infect multiple platforms (types of computer systems).

20. What does HTML stand for ?

- A. High-speed Transmission Meta-Language.
- B. Host Terminal for Major LANs.
- C. HyperText Mark-up Language.
- D. Hacker's Terminal Mode Link.

1. Internet is a _____ of networks.
2. HTML stands for Hypertext _____ Language.
3. _____ Tag is used to give title to the document.
4. Java is a programming language developed by _____
5. First Web Browser Hot Java was developed in _____
6. Keywords are the _____ words that have special significance in any language.
 - A. Pre defined
 - B. Library
 - C. Defined
 - D. Special

7. The keywords _____ and _____ are reserved words but they are not used.
- A. Cont, goto
 - B. Goto, short
 - C. Super, for
 - D. Int, char
8. `System.out.println();`
- A. True
 - B. False
9. `System.println.out();`
- A. True
 - B. False
10. `Public static void main(string args[])`
- A. True
 - B. False
11. The return type of a constructor is
- A. Void
 - B. Int
 - C. Float
 - D. None
12. Strings are always specified in
- A. Braces
 - B. Single quotes
 - C. Double quotes
 - D. Square brackets
13. The vector class contained in
- A. `Java.lang`
 - B. `Java.awt`
 - C. `Java.util`
 - D. `Java.swing`
14. The java package provides classes to support input and output operations
- A. `Java.io`

- B. Java.lang
- C. Stdio.h
- D. Java.sql

15. Java exception handling is governed by the following five keywords

- A. Try
- B. Catch
- C. Finally
- D. Throw
- E. Throws
- F. Syntax
- G. Semantic

16. The Life Cycle of an applet begins when it is first loaded and the _____ method is invoked.

- A. Init()
- B. Int()
- C. Initialize()
- D. Start()

17. The _____ is a collection of linked documents or pages, stored on millions of computers and distributed across the internet.

- A. Home Page
- B. Index
- C. Internet
- D. Ethernet

18. Which of the following is a software application that helps to view and navigate information on the web.

- A. Web page
- B. Web portal
- C. Web browser
- D. Web server

19. ISP Means?

- A. Internet system protocol
- B. Internet system provider
- C. Internal system protector
- D. Internet service provider

20. ARPANET Means

21. URL Means?

22. Java was developed by a team headed by _____

- A. Ken thompson
- B. James bond
- C. James gosling
- D. James tingling

23. _____method replaces destructor function in java.

- A. Finalize
- B. Final
- C. Start
- D. New

24. _____command converts the source code to internediate bytecode.

- A. Javac
- B. Java
- C. Appletviewer
- D. Javah