

Evolution of Architecture from Monolithic to Distributed to Web

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Question 1

3/3 Points

A combination of IP Address:Port provides access to a particular application or service

Match the default ports for these services

1. File Transfer Protocol (FTP)
2. Hypertext transfer protocol (HTTP)
3. Hypertext text protocol secure(HTTPS)

Port 20 - File Transfer Protocol (FTP)

Port 80 - Hypertext transfer protocol (HTTP)

Port 443 - Hypertext text protocol secure(HTTPS)

Question 2

1/1 Points

Monolithic application are self-contained applications which contain all components and code tightly bound in one application.

- ☒ A. True
- ☐ B. False

Question 3

3/3 Points

what does run-time, compile time, just-in-time compile mean?

1. means when the executable is running
2. means when the program is compiled
3. means compiling just before execution

Run-time - means when the executable is running

Compile-time - means when the program is compiled

Just-in-time compile - means compiling just before execution

Question 4

1/1 Points

Which of the following are object oriented language?

- ☒ A. C++
- ☐ B. C
- ☒ C. Java
- ☒ D. VB.Net
- ☒ E. C#

Question 5

1/1 Points

The Interface is an object oriented abstract class with atleast one method that is not implemented.

- ☒ A. True
- ☐ B. False

Question 6

1/1 Points

A pure abstract class is an interface class that has none of the methods implemented

- ☒ A. True
- ☐ B. False

Question 7

1/1 Points

Distributed applications are monolithic in nature

- ☐ A. True
☒ B. False

Question 8

1/1 Points

Distributed applications are loosely coupled

- ☒ A. True
☐ B. False

Question 9

1/1 Points

Earlier distributed systems exchanged binary information for all communications amidst all participating applications and hence was difficult for a programmer to implement

- ☒ A. True
☐ B. False

Question 10

1/1 Points

As internet grew, applications grew, distributed systems needed a smooth cross-platform interoperability to enable easy , fast and flexible development across heterogeneous languages, operating systems

- ☒ A. True
☐ B. False

Question 11

1/1 Points

Web site and Web services both mean the same thing

- ☐ A. True
☒ B. False

Question 12

1/1 Points

Web Site and Web services both use HTTP as a protocol for communication with clients/browsers

- ☒ A. True
☐ B. False

Question 13

1/1 Points

HTTP PROTOCOL was a globally accepted application level protocol across the globe which was used to solve cross platform interoperability problem

- ☒ A. True
☐ B. False

Question 14

1/1 Points

Http is a stateless connectionless application level protocol that operates in simple text format request-response form between participating applications such as a web server and a browser

- ☒ A. True
☐ B. False

Question 15

1/1 Points

http cannot manage binary data such as images and videos

- ☐ A. True
☒ B. False

Question 16

3/3 Points

define http

1. MEANS IT WILL NOT MAINTAIN THE CONNECTION ONCE IT HAS RESPONDED
2. MEANS IT CAN TRANSPORT ANY TYPE OF DATA SUCH AS TEXT, IMAGES , BINARY

3. MEANS IT WILL NOT remember the data between two different requests.

HTTP IS CONNECTIONLESS - MEANS IT WILL NOT MAINTAIN THE CONNECTION ONCE IT HAS RESPONDED

HTTP IS MEDIA INDEPENDENT - MEANS IT CAN TRANSPORT ANY TYPE OF DATA SUCH AS TEXT, IMAGES ,
BINARY

HTTP IS STATELESS - MEANS IT WILL NOT remember the data between two different requests.

Question 17

1/1 Points

Sessions and cookies are used as an external source to remember states between two different http requests

☒ A. True

☐ B. False

Question 18

1/1 Points

Fill in blank

HTTP OPERATES USING SIMPLE TEXT IN APPLICATION LAYER OF NETWORK COMMUNICATION