*Revision Questions*

Internet and Web

Web Programming (F28WP)

# Introduction

You’ll review your knowledge of the subject by working through a variety of questions relevant to this week’s material to help you further develop your understanding of the Internet and the Web.

## Question 1 (2 points)

The Internet is

a) international network of the world's telecommunications services

b) global scale internetwork of wide area computer networks using TCP/IP protocols

c) global scale, distributed hypermedia application with a client server architecture

Pick one - answer mark

## Question 2 (3 points)

Which of the following expansions of Internet body acronyms are correct?

a) ICANN - Internet Corporation for Assigned Names and Numbers

b) IETF - Internet Executive Trust Federation

c) W3C - World-Wide Web Consortium

Pick all that apply - answer mark

## Question 3 (2 points)

The IETF is

a) a body of engineers employed by the Internet Architecture Board who are responsible for the daily running and maintenance of the Internet

b) an open community of Internet users concerned with its evolution and operation who work through groups with a charter to propose new Internet standards

c) a body of decision makers who formulate and revise the regulations and policies regarding

protocols, architectures and usage to be adopted when using the Internet

Pick one - answer mark

## Question 4 (2 points)

ICANN is non profit making organisation with responsibility for

a) assigning names to Internet protocols and standards and arbitrating disputes on Internet over use

of trade marks

b) IP address space allocation, protocol parameter assignment, domain name system management,

and root server system management functions of the Internet

c) allocating login names for Internet users and names for hosts connected to the Internet

Pick one - answer mark

## Question 5 (2 points)

A socket is

a) A repository for network packets used during TCP/IP communication.

b) A communication endpoint with associated protocol used for IPC within a communication

domain.

c) A communications device that needs to be opened locally to communicate with remote hosts.

Pick one - answer mark

## Question 9 (5 points)

Servers need to operate concurrently to

a) handle multiple clients one after another

b) support responsive use

c) enable tolerable shared use of services taking a long time

d) allow different clients on different hosts to use service

e) support fair access to service

Pick all that apply - answer mark

## Question 10 (5 points)

Concurrent operation of a server can be realised by

a) handling service requests rapidly one after another

b) concurrently executing multiple instances of server

c) keeping service times very short

d) executing multiple service providers in parallel

e) executing server process on a parallel machine

Pick all that apply - answer mark

## Question 11 (4 points)

A typical style of TCP server

a) accepts requests in datagram packets

b) accepts requests via reliable byte stream connections

c) replies to requests along same connection

d) replies to requests via datagram(s) sent to host and port that request came from

Pick all that apply - answer mark

## Question 12 (2 points)

Well known TCP based services on the Internet include

a) DNS

b) Web via HTTP

c) Voice over IP

Pick one - answer mark

## Question 13 (2 points)

The World Wide Web is

a) network of relational databases with simple distributed query language

b) distributed hypermedia application with client-server architecture

c) distributed file system formed from file systems of many hosts connected to the Internet

Pick one - answer mark

## Question 14 (5 points)

Web clients

a) fetch copies of recently published web pages from local web store

b) fetch resources from remote web servers on demand

c) support direct publishing of web pages to subscribing web sites world wide

d) support hyperlinking among web pages

e) can annotate web resources for benefit of later fetchers of same resource

Pick all that apply