Web Designing and Publishing

Test 1

Name: Time: 45 min | MM: 50

1. Which of the following TCP/IP protocol is used for transferring files from one machine to another:
(a) FTP   (b) SMTP   (c) HTTP   (d) NNTP

2. Which protocol encrypts data between web server and browser:
(a) FTP   (b) HTTP   (c) Telnet   (d) HTTPS

3. Which is not a feature of Responsive web design:
(a) Flexible visuals   (b) Media queries   (c) Keyframe   (d) Fluid grids

4. In order to upload a HTML file on a web server, you will use :
(a) HTTP   (b) FTP   (c) HTTPS   (d) Telnet

5. What are shared on the internet and are called as web page?
(a) Programs   (b) Cables   (c) Hypertext Documents   (d) All of the above

6. _____ is an application layer protocol that works on request and response
(a) FTP   (b) HTTP   (c) IP   (d) None of these

7. The way in which information is transmitted to multiple internet connected devices is called :
(a) Internet connectivity   (b) IP address   (c) Multicasting   (d) Multitasking

8. Which is not an valid IPV4 address ?
(a) 23.456.143.54   (b) 213.34.54.111   (c) 110.80.25.21   (d) 127.0.0.1

9. What is the benefit of using a dynamic website over a static one?
(a) Faster loading times   (b) Easier maintenance   (c) More control over user data   (d) Fixed content that never changes

10. DNS translates _____.
(a) Domain name into IP   (b) IP into domain name   (c) Both (A) and (B)   (d) Domain name into physical address

11. TELNET protocol is working on port :
(a) 21   (b) 23   (c) 80   (d) 443

12. What is the World Wide Web ?
(a) Software that controls the internet.   (b) Another name for the internet.   (c) System for interconnected WebPages which are accessible over the internet.   (d) All of the above

13. Which of the following is not a browser ?
(a) Chrome   (b) Firefox   (c) Google   (d) Safari

14. How to read and render an HTML page ?
(a) Through Web server   (b) Through Web network   (c) Through Web browser   (d) Through Web matrix

15. File transfer from any webpage to computer system is referred to as _____.
(a) Uploading   (b) Forwarding   (c) Transferring   (d) Downloading

16. Which programming language is primarily used for client-side scripting?
(a) Python   (b) PHP   (c) Ruby   (d) JavaScript

17. Which of the following options is incorrect with reference to status codes ?
(a) 200 OK   (b) 304 Not Found   (c) 400 Bad Request   (d) 301 Moved Permanently

18. The internet originated from the concept of _____.
(a) Microsoft   (b) ARPANET   (c) Web   (d) IBM

19. The first page of website is called
(a) Design   (b) First page   (c) Home page   (d) Main page

20. HTTPS is a:
(a) Scripting language   (b) Browser   (c) Secure connection   (d) Authoring tool

21. The domain name in an URL refers to the :
(a) Server   (b) Protocol   (c) Directory   (d) Filename

22. Which of the following IP addresses is a typical private IP address?
(a) 192.168.1.1   (b) 8.8.8.8   (c) 172.217.10.14   (d) 203.0.113.5

23. What is the maximum length of an IPv6 address?
(a) 48 bits   (b) 32 bits   (c) 128 bits   (d) 255 bits

24. Which of the following protocols is responsible for automatic IP address assignment in a network?
(a) DNS   (b) IP   (c) TCP   (d) DHCP

25. Which of the following is an example of a search engine on the internet?
(a) MS Office   (b) Google   (c) Gmail   (d) Windows

26. Which of the following is required for joining the internet?
(a) Internet architecture board   (b) Internet society   (c) Internet service provider   (d) None of these

27. A website is a collection of:
(a) PDF pages   (b) Web pages   (c) Images   (d) Slides

28. FTP stands for

(a) File Transaction protocol | (b) File task protocol | (c) Fast tranfer protocol | (d) None of these

29. Cookies store the data on

(a) Server | (b) Remote server | (c) Browsers | (d) All of these

30. The communication protocol used by the Internet to transfer hypertext documents is

(a) Hypertext internet protocol | (b) Hypertext transfer protocol | (c) Internet protocol | (d) File transfer protocol

31. Binary of 10 ?

(a) 1010 | (b) 0101 | (c) 1111 | (d) 1100

32. Server side scripts are:

(a) Visible to the client | (b) Invisible to Server | (c) Invisible to the client | (d) Both B and C

33. To make your website mobile friendly, you can make your website.

(a) Responsive | (b) Reactive | (c) Fast loading | (d) Light

34. Once the email is sent, the message is broken into pieces, called ?

(a) Packets | (b) Process | (c) Digits | (d) Bytes

35. What is the full form of URL?

(a) Unique resource locator | (b) Uniform resource location | (c) Uniform rest locator | (d) None of these

36. What does "Responsive Web Design" primarily focus on?

(a) Creating multiple versions of a website | (b) Ensuring a website works on any device or screen size | (c) Designing websites with fixed dimensions | (d) Improving website speed on mobile devices

37. Which of the following is a key component of responsive web design?

(a) Browser-Specific Code | (b) Fluid Grids | (c) Flash Animation | (d) Fixed Layouts

38. What is the purpose of media queries in responsive web design?

(a) To apply different styles based on the device screen size | (b) To load different HTML files for different devices | (c) To enhance website performance on slow networks | (d) All of these

39. What is the main purpose of DNS on the internet?

(a) To assign IP addresses to devices | (b) To resolve domain names to IP addresses | (c) To encrypt data sent over the internet | (d) To manage internet traffic

40. Which of the following terms refers to a unique address used to identify a device on a network?

(a) URL | (b) IP address | (c) Domain name | (d) HTTP

41. Which of the following is a function of an Internet search engine?

(a) Hosting websites | (b) Storing files in the cloud | (c) Indexing and retrieving information from the web | (d) Providing network security

42. Which of the following IP addresses is reserved for loopback or localhost?

(a) 0.0.0.0 | (b) 255.255.255.255 | (c) 192.168.0.1 | (d) 127.0.0.1

43. What is the main purpose of an "SSL certificate" on a website?

(a) To increase the website's search engine ranking | (b) To reduce the load time of the website | (c) To manage DNS settings for the website | (d) To authenticate the identity of the website and encrypt data transmission

44. Bandwidth measured in?

(a) Pixels | (b) Bytes | (c) Bps | (d) Hertz

45. Which of the following is an example of a Web 2.0 application?

(a) Facebook | (b) A Static HTML Website | (c) A text based blog | (d) None of these

46. What is a "gateway" in networking?

(a) A device that acts as an entry point to another network | (b) A security feature used in firewalls | (c) A type of software used for managing web servers | (d) A protocol for transmitting data between networks

47. Which of the following port number used by HTTP?

(a) 443 | (b) 80 | (c) 21 | (d) Both A and B

48. What is the purpose of the "TTL" (Time to Live) field in an IP packet?

(a) To limit the lifespan of a packet and prevent it from circulating indefinitely | (b) To measure the time a packet takes to reach its destination | (c) To encrypt data within the packet | (d) All of these

49. Which of the following protocol uses 25 port number ?

(a) HTTP | (b) FTP | (c) POP | (d) None of these

50. Which of the following is true about UDP ?

(a) It is connectionless and does not guarantee delivery of packets. | (b) It establishes a connection before sending data. | (c) It provides error correction and retransmission. | (d) It ensures that packets arrive in order.