



Name of the Bundle	Proficient Bundle V1	Subject	Networking V1
Topic	Web, DNS and Internet of Things (IOT)	Last updated on	08 September 2025

## Multiple Choice Questions on Web, DNS and Internet of Things (IOT):

1. Who invented the World Wide Web?

- A. Bill Gates
- B. Steve Jobs
- C. Sir Tim Berners-Lee
- D. Mark Zuckerberg

**Answer: C. Sir Tim Berners-Lee**

**Explanation:** Sir Tim Berners-Lee invented the World Wide Web in 1989 while working at CERN.

2. In which year was the World Wide Web invented?

- A. 1980
- B. 1989
- C. 1995
- D. 2000

**Answer: B. 1989**

**Explanation:** The World Wide Web was invented in 1989 by Sir Tim Berners-Lee.



<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Networking V1
<b>Topic</b>	Web, DNS and Internet of Things (IOT)	<b>Last updated on</b>	08 September 2025

3. The World Wide Web is primarily made up of\_\_\_\_\_.

- A. Computers
- B. Emails
- C. Web pages and web resources
- D. Social media

**Answer: C. Web pages and web resources**

**Explanation:** The WWW consists of interlinked web pages and various web resources accessible via the Internet.

4. What does WWW stand for?

- A. World Wide Web
- B. World Web Wide
- C. Web Wide World
- D. Wide World Web

**Answer: A. World Wide Web**

**Explanation:** WWW stands for World Wide Web, which is a system of interlinked hypertext documents.



<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Networking V1
<b>Topic</b>	Web, DNS and Internet of Things (IOT)	<b>Last updated on</b>	08 September 2025

5. Which protocol is primarily used to access the web?

- A. FTP
- B. HTTP
- C. SMTP
- D. POP3

**Answer: B. HTTP**

**Explanation:** HTTP (HyperText Transfer Protocol) is used to transfer web pages over the Internet.

6. The web resources on the World Wide Web are accessed through\_\_\_\_\_.

- A. Telephone
- B. Internet
- C. Television
- D. Radio

**Answer: B. Internet**

**Explanation:** The WWW relies on the Internet as the underlying network to share and access resources.



<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Networking V1
<b>Topic</b>	Web, DNS and Internet of Things (IOT)	<b>Last updated on</b>	08 September 2025

7. What type of links connect web pages?

- A. Email links
- B. Hyperlinks
- C. Phone links
- D. Social links

**Answer: B. Hyperlinks**

**Explanation:** Hyperlinks are clickable links that connect web pages together.

8. Which language is used to create the structure of web pages?

- A. Python
- B. HTML
- C. C++
- D. Java

**Answer: B. HTML**

**Explanation:** HTML (HyperText Markup Language) is used to create and structure web pages.



Name of the Bundle	Proficient Bundle V1	Subject	Networking V1
Topic	Web, DNS and Internet of Things (IOT)	Last updated on	08 September 2025

9. The first web browser was called\_\_\_\_\_.

- A. Internet Explorer
- B. Mosaic
- C. WorldWideWeb
- D. Netscape Navigator

**Answer: C. WorldWideWeb**

**Explanation:** The first web browser was created by Tim Berners-Lee and was called WorldWideWeb.

10. The URL in a web address stands for\_\_\_\_\_.

- A. Universal Resource Locator
- B. Uniform Resource Locator
- C. Unified Resource Locator
- D. Unique Resource Locator

**Answer: B. Uniform Resource Locator**

**Explanation:** URL means Uniform Resource Locator, which is the address used to access web resources.



Name of the Bundle	Proficient Bundle V1	Subject	Networking V1
Topic	Web, DNS and Internet of Things (IOT)	Last updated on	08 September 2025

11. Which of the following is NOT a part of the World Wide Web?

- A. Web pages
- B. Web servers
- C. Internet Service Providers (ISP)
- D. Hyperlinks

**Answer: C. Internet Service Providers (ISP)**

**Explanation:** ISPs provide internet access but are not part of the web itself.

12. The World Wide Web is a\_\_\_\_\_.

- A. Network of computers
- B. Collection of web pages linked by hyperlinks
- C. Email service
- D. Social media platform

**Answer: B. Collection of web pages linked by hyperlinks**

**Explanation:** The web is a collection of interlinked web pages accessible through browsers.



<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Networking V1
<b>Topic</b>	Web, DNS and Internet of Things (IOT)	<b>Last updated on</b>	08 September 2025

13. The WWW allows users to\_\_\_\_\_.

- A. Only download files
- B. Access and share information through web pages
- C. Only send emails
- D. Access telephone services

**Answer: B. Access and share information through web pages**

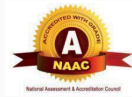
**Explanation:** The web provides access to information stored in web pages and web resources.

14. Which of the following is NOT a web browser?

- A. Firefox
- B. Chrome
- C. Safari
- D. Outlook

**Answer: D. Outlook**

**Explanation:** Outlook is an email client, not a web browser.



Name of the Bundle	Proficient Bundle V1	Subject	Networking V1
Topic	Web, DNS and Internet of Things (IOT)	Last updated on	08 September 2025

15.What does HTML stand for?

- A. Hyper Text Makeup Language
- B. HighText Machine Language
- C. Hyper Text Markup Language
- D. HighText Markup Language

**Answer: C. Hyper Text Markup Language**

**Explanation:** HTML stands for Hyper Text Markup Language, which is used to create the structure of web pages.

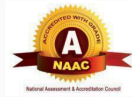
16.Which of the following is the correct file extension for HTML files?

- A. .htm
- B. .html
- C. Both A and B
- D. .xml

**Answer: C. Both A and B**

**Explanation:** HTML files can be saved with either .html or .htm extensions.





Name of the Bundle	Proficient Bundle V1	Subject	Networking V1
Topic	Web, DNS and Internet of Things (IOT)	Last updated on	08 September 2025

17. Which HTML element is used to add an image?

- A. <img>
- B. <image>
- C. <pic>
- D. <src>

**Answer: A. <img>**

**Explanation:** The <img> tag is used to embed an image, using the src attribute to specify the image file.

18. What does URI stand for?

- A. Uniform Resource Index
- B. Uniform Resource Identifier
- C. Unified Resource Identifier
- D. Unique Resource Index

**Answer: B. Uniform Resource Identifier**

**Explanation:** A URI is a string that identifies a resource on the web, either by name or location.



<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Networking V1
<b>Topic</b>	Web, DNS and Internet of Things (IOT)	<b>Last updated on</b>	08 September 2025

19. Which of the following is an example of a URI?

- A. <mailto:info@example.com>
- B. [www.example.com](http://www.example.com)
- C. C:\Program Files\App\app.exe
- D. None of the above

**Answer: A. <mailto:info@example.com>**

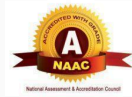
**Explanation:** <mailto:info@example.com> is a URI because it uses the mailto scheme to show an email address.

20. What is the purpose of a URI?

- A. To define font styles on a webpage
- B. To identify or locate a resource
- C. To write JavaScript code
- D. To insert tables in HTML

**Answer: B. To identify or locate a resource**

**Explanation:** URIs are used to uniquely identify or locate resources on the internet.



Name of the Bundle	Proficient Bundle V1	Subject	Networking V1
Topic	Web, DNS and Internet of Things (IOT)	Last updated on	08 September 2025

21. Which of the following best describes the difference between a URL and a URI?

- A. URL is a type of URI
- B. URI is a type of URL
- C. They are completely unrelated
- D. Both are used for designing images

**Answer: A. URL is a type of URI**

**Explanation:** A URI can be either a URL (locator) or a URN (name). URLs are URIs that specify location.

22. In the URI mailto:info@example.com, what does mailto: represent?

- A. Resource path
- B. File type
- C. Scheme
- D. Protocol

**Answer: C. Scheme**

**Explanation:** mailto: is the scheme that tells the browser how to handle the resource (in this case, open an email client).



Name of the Bundle	Proficient Bundle V1	Subject	Networking V1
Topic	Web, DNS and Internet of Things (IOT)	Last updated on	08 September 2025

23. Which URI scheme is used to access a web page?

- A. file
- B. mailto
- C. http or https
- D. data

**Answer: C. http or https**

**Explanation:** Web pages are accessed using the http or https URI schemes.

24. Which part of the following URI is the domain?

https://www.example.com/page\*\*

- A. https
- B. www.example.com
- C. /page
- D. .com

**Answer: B. www.example.com**

**Explanation:** www.example.com is the domain (host) that specifies the server where the resource is located.



<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Networking V1
<b>Topic</b>	Web, DNS and Internet of Things (IOT)	<b>Last updated on</b>	08 September 2025

25. What does URL stand for?

- A. Uniform Reference Link
- B. Uniform Resource Link
- C. Uniform Resource Locator
- D. Universal Resource Link

**Answer: C. Uniform Resource Locator**

**Explanation:** A URL is a specific type of URI that provides the exact location of a resource on the internet.

26. Which of the following is a valid URL?

- A. <https://www.example.com>
- B. <http://example.com>
- C. <www://example.com>
- D. All of the above

**Answer: A. <https://www.example.com>**

**Explanation:** Only <https://...> provides a full location with protocol and path, so it is a URL. The others are URIs but not URLs.



# Selvam College of Technology



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<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Networking V1
<b>Topic</b>	Web, DNS and Internet of Things (IOT)	<b>Last updated on</b>	08 September 2025

27. Which part of the URL <https://www.selvamtech.edu.in> is the protocol?

- A. [www.selvamtech.edu.in](http://www.selvamtech.edu.in)
- B. [.edu.in](https://www.selvamtech.edu.in)
- C. [https](https://www.selvamtech.edu.in)
- D. [selvamtech](https://www.selvamtech.edu.in)

**Answer: C. https**

**Explanation:** https is the protocol used to communicate with the server securely.

28. What does the domain name in a URL represent?

- A. The path of a file
- B. The address of the user
- C. The location of the server hosting the resource
- D. The IP address only

**Answer: C. The location of the server hosting the resource**

**Explanation:** The domain name helps locate the server on the internet.



Name of the Bundle	Proficient Bundle V1	Subject	Networking V1
Topic	Web, DNS and Internet of Things (IOT)	Last updated on	08 September 2025

29. In the URL <https://www.example.com/index.html>, what does /index.html represent?

- A. Protocol
- B. Domain
- C. Path
- D. Subdomain

**Answer: C. Path**

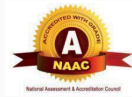
**Explanation:** The path tells the browser the exact file or page to retrieve from the server.

30. Which of the following URL components is optional?

- A. Protocol
- B. Domain
- C. Port
- D. Path

**Answer: C. Port**

**Explanation:** Ports like :80 or :443 are optional unless a non-default port is used.



<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Networking V1
<b>Topic</b>	Web, DNS and Internet of Things (IOT)	<b>Last updated on</b>	08 September 2025

31. What is the role of https in a URL?

- A. To encrypt the domain name
- B. To allow file sharing
- C. To provide a secure connection
- D. To download images

**Answer: C. To provide a secure connection**

**Explanation:** https (Hypertext Transfer Protocol Secure) encrypts data between browser and server.

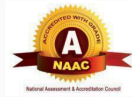
32. Which of these is a complete URL?

- A. google.com
- B. https://www.google.com
- C. google
- D. http

**Answer: B. https://www.google.com**

**Explanation:** A complete URL includes the protocol and the domain.





<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Networking V1
<b>Topic</b>	Web, DNS and Internet of Things (IOT)	<b>Last updated on</b>	08 September 2025

33. What is the main purpose of DNS?

- A. To secure websites
- B. To translate domain names into IP addresses
- C. To store website data
- D. To block malware

**Answer: B. To translate domain names into IP addresses**

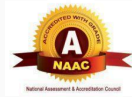
**Explanation:** DNS converts human-friendly domain names into computer-friendly IP addresses.

34. What is www.google.com in DNS terms?

- A. IP address
- B. Hostname or domain name
- C. DNS record
- D. Server

**Answer: B. Hostname or domain name**

**Explanation:** www.google.com is a domain name used by humans to access a website.



Name of the Bundle	Proficient Bundle V1	Subject	Networking V1
Topic	Web, DNS and Internet of Things (IOT)	Last updated on	08 September 2025

35. What is an example of an IP address?

- A. http://google.com
- B. 192.168.1.1
- C. www.example.org
- D. ftp://server.net

**Answer: B. 192.168.1.1**

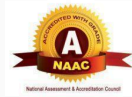
**Explanation:** 192.168.1.1 is a numerical IP address that computers use to identify each other.

36. What is the main role of the Domain Name System (DNS)?

- A. To host websites
- B. Sends emails
- C. To translate domain names into IP addresses
- D. To create email accounts

**Answer: C. To translate domain names into IP addresses**

**Explanation:** DNS converts domain names (e.g., google.com) into IPs (e.g., 192.168.1.1).



<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Networking V1
<b>Topic</b>	Web, DNS and Internet of Things (IOT)	<b>Last updated on</b>	08 September 2025

37. What is the DNS resolution process?

- A. Converting websites into text
- B. Converting IP addresses into MAC addresses
- C. Converting domain names into IP addresses
- D. Encrypting email messages

**Answer: C. Converting domain names into IP addresses**

**Explanation:** DNS resolution means changing a hostname into an IP address.

38. What is a typical format of an IPv4 address?

- A. 192.168.1.1
- B. www.example.com
- C. https://abc
- D. 00:1A:2B:3C:4D:5E

**Answer: A. 192.168.1.1**

**Explanation:** IPv4 addresses are four sets of numbers separated by dots.



Name of the Bundle	Proficient Bundle V1	Subject	Networking V1
Topic	Web, DNS and Internet of Things (IOT)	Last updated on	08 September 2025

39. What happens if DNS is not working properly?

- A. Websites may not load
- B. Printer won't print
- C. Mouse won't respond
- D. Computer won't boot

**Answer: A. Websites may not load**

**Explanation:** If DNS fails, browsers can't find the server's IP address, so websites won't open.

40. Why is DNS compared to a phonebook?

- A. It stores phone numbers
- B. It matches hostnames to IP addresses
- C. It connects to telephones
- D. It translates languages

**Answer: B. It matches hostnames to IP addresses**

**Explanation:** Like a phonebook links names to numbers, DNS links domain names to IP addresses.



<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Networking V1
<b>Topic</b>	Web, DNS and Internet of Things (IOT)	<b>Last updated on</b>	08 September 2025

41. Which of the following is a domain name?

- A. 192.168.1.1
- B. [www.example.com](http://www.example.com)
- C. 255.255.255.0
- D. 127.0.0.1

**Answer: B. [www.example.com](http://www.example.com)**

**Explanation:** Domain names are human-readable website names.

42. Why don't users need to remember IP addresses anymore?

- A. IP addresses are not used
- B. DNS servers remember them
- C. Web browsers store them
- D. DNS hides IPs permanently

**Answer: B. DNS servers remember them**

**Explanation:** DNS handles the IP lookup automatically.



<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Networking V1
<b>Topic</b>	Web, DNS and Internet of Things (IOT)	<b>Last updated on</b>	08 September 2025

43. Which of the following is an example of an IP address?

- A. [www.google.com](http://www.google.com)
- B. [google.net](http://google.net)
- C. 192.168.1.1
- D. [dns.google.com](http://dns.google.com)

**Answer: C. 192.168.1.1**

**Explanation:** That's a numerical IP address used by machines.

44. Who uses domain names to access websites?

- A. Computers
- B. Servers
- C. Humans
- D. Switches

**Answer: C. Humans**

**Explanation:** Humans prefer easy-to-remember names like [google.com](http://google.com).



Name of the Bundle	Proficient Bundle V1	Subject	Networking V1
Topic	Web, DNS and Internet of Things (IOT)	Last updated on	08 September 2025

45. What helps browsers load websites using DNS?

- A. Search engines
- B. Firewalls
- C. DNS servers
- D. Cookies

**Answer: C. DNS servers**

**Explanation:** DNS servers convert domain names into IP addresses so browsers can find the site.

46. What does IoT stand for?

- A. Internet of Technology
- B. Internet of Tablets
- C. Internet of Things
- D. Integration of Tools

**Answer: C. Internet of Things**

**Explanation:** IoT refers to a network of physical objects (things) that connect to the internet.



Name of the Bundle	Proficient Bundle V1	Subject	Networking V1
Topic	Web, DNS and Internet of Things (IOT)	Last updated on	08 September 2025

47. What are "things" in IoT typically embedded with?

- A. Wires and switches
- B. Sensors, software, and connectivity
- C. Antivirus and passwords
- D. Only hardware

**Answer: B. Sensors, software, and connectivity**

**Explanation:** These allow devices to sense, process, and communicate data.

48. Which of the following is NOT an example of an IoT device?

- A. Smartwatch
- B. Refrigerator with internet
- C. Traditional landline phone
- D. Smart TV

**Answer: C. Traditional landline phone**

**Explanation:** It lacks internet connectivity and smart features.





Name of the Bundle	Proficient Bundle V1	Subject	Networking V1
Topic	Web, DNS and Internet of Things (IOT)	Last updated on	08 September 2025

49. How do IoT devices communicate?

- A. Through printed letters
- B. Through electrical wires only
- C. Using the Internet
- D. Through manual inputs only

**Answer: C. Using the Internet**

**Explanation:** IoT devices use the Internet to send and receive data.

50. Which of the following is a wearable IoT device?

- A. Smartwatch
- B. Smart refrigerator
- C. Security camera
- D. Wi-Fi router

**Answer: A. Smartwatch**

**Explanation:** A wearable IoT device worn on the body and connected to the internet.



<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Networking V1
<b>Topic</b>	Web, DNS and Internet of Things (IOT)	<b>Last updated on</b>	08 September 2025

51. Which technology enables IoT devices to share data with each other?

- A. Manual data entry
- B. Printed circuit boards
- C. Internet connectivity
- D. Microphones

**Answer: C. Internet connectivity**

**Explanation:** IoT devices depend on internet-based networks for communication.

52. What role do sensors play in IoT devices?

- A. Display colorful images
- B. Store files
- C. Collect data from the environment
- D. Play audio

**Answer: C. Collect data from the environment**

**Explanation:** Sensors help devices detect things like temperature, motion, location, etc.



<b>Name of the Bundle</b>	Proficient Bundle V1	<b>Subject</b>	Networking V1
<b>Topic</b>	Web, DNS and Internet of Things (IOT)	<b>Last updated on</b>	08 September 2025

53. What makes decision-making in IoT systems "intelligent"?

- A. Use of Wi-Fi only
- B. Use of AI, data analysis, and real-time feedback
- C. Manual user commands only
- D. Timers and alarms

**Answer: B. Use of AI, data analysis, and real-time feedback**

**Explanation:** IoT uses software and data to make smart, automated decisions.