

Apache & XAMPP - 50 MCQs with Answers (Corrected)

1. Apache is mainly used for:

- a) Database management
- b) Web server
- c) File compression
- d) Operating system

Answer: b) Web server

2. The default port number for Apache HTTP Server is:

- a) 22
- b) 25
- c) 80
- d) 3306

Answer: c) 80

3. In XAMPP, the 'MySQL' service is now called:

- a) PostgreSQL
- b) MariaDB
- c) SQLite
- d) Oracle

Answer: b) MariaDB

4. Which of the following is NOT included in XAMPP by default?

- a) Apache
- b) MySQL/MariaDB
- c) PHP
- d) Microsoft SQL Server

Answer: d) Microsoft SQL Server

5. The full form of XAMPP is:

- a) Cross-platform, Apache, MySQL, PHP, Perl
- b) XML, Apache, MariaDB, PHP, Perl
- c) Xtra Apache MySQL PHP Perl
- d) Xtreme Apache MySQL PHP Python

Answer: a) Cross-platform, Apache, MySQL, PHP, Perl

6. Which file in XAMPP is used to configure Apache?

- a) php.ini
- b) my.ini
- c) httpd.conf
- d) config.php

Answer: c) httpd.conf

7. What is the default port of MySQL/MariaDB in XAMPP?

- a) 21
- b) 80
- c) 3306
- d) 8080

Answer: c) 3306

8. The default folder where you place your PHP/HTML files in XAMPP is:

- a) /htdocs

- b) /html
 - c) /public
 - d) /wwwroot
- Answer: a) /htdocs

9. Which of the following is TRUE about XAMPP?
- a) It runs only on Windows
 - b) It can run on Windows, Linux, and macOS
 - c) It is an operating system
 - d) It is a programming language
- Answer: b) It can run on Windows, Linux, and macOS

10. In XAMPP, phpMyAdmin is used for:
- a) Writing PHP code
 - b) Managing databases via a web interface
 - c) Configuring Apache server
 - d) Editing HTML files
- Answer: b) Managing databases via a web interface

11. Apache HTTP Server is developed and maintained by:
- a) Apache Software Foundation
 - b) Microsoft
 - c) Oracle
 - d) Red Hat
- Answer: a) Apache Software Foundation

12. Which command is used to start Apache on Linux?
- a) start apache
 - b) apachectl start
 - c) httpd stop
 - d) apache_run
- Answer: b) apachectl start

13. Which protocol does Apache primarily use?
- a) FTP
 - b) HTTP/HTTPS
 - c) SMTP
 - d) SSH
- Answer: b) HTTP/HTTPS

14. In XAMPP, which configuration file is used to set PHP settings?
- a) php.ini
 - b) httpd.conf
 - c) config.php
 - d) my.ini
- Answer: a) php.ini

15. The default port of Apache HTTPS service is:
- a) 80
 - b) 21
 - c) 22
 - d) 443
- Answer: d) 443

16. Which of the following can be used as an alternative to XAMPP?
- a) WAMP
 - b) LAMP

- c) MAMP
 - d) All of the above
- Answer: d) All of the above

17. Which directive in httpd.conf is used to set the server root directory?

- a) ServerRoot
 - b) DocumentRoot
 - c) RootDir
 - d) DirectoryRoot
- Answer: b) DocumentRoot

18. Which service in XAMPP is responsible for sending emails?

- a) Apache
 - b) Mercury Mail
 - c) FileZilla
 - d) Tomcat
- Answer: b) Mercury Mail

19. Which component of XAMPP is used for FTP service?

- a) FileZilla
 - b) Mercury
 - c) Apache
 - d) PHP
- Answer: a) FileZilla

20. What is the default user of phpMyAdmin in XAMPP?

- a) admin
 - b) root
 - c) guest
 - d) system
- Answer: b) root

21. Which log file in Apache stores error messages?

- a) access.log
 - b) error.log
 - c) debug.log
 - d) system.log
- Answer: b) error.log

22. Apache supports which type of modules for extending functionality?

- a) Plugins
 - b) Extensions
 - c) Modules
 - d) Scripts
- Answer: c) Modules

23. Which XAMPP component allows you to run Java Servlets?

- a) Apache
 - b) Tomcat
 - c) Mercury
 - d) FileZilla
- Answer: b) Tomcat

24. The command to stop MySQL in XAMPP Control Panel is:

- a) Stop MySQL
- b) Shutdown DB
- c) Halt MariaDB

d) Close SQL

Answer: a) Stop MySQL

25. Which folder in XAMPP stores MySQL databases?

a) /htdocs

b) /mysql/data

c) /config

d) /var/db

Answer: b) /mysql/data

26. Apache's configuration test command in Linux is:

a) apachectl configtest

b) httpd test

c) apache test

d) test httpd

Answer: a) apachectl configtest

27. In XAMPP, the Control Panel executable is named:

a) xampp.exe

b) xampp-control.exe

c) control-xampp.exe

d) xampp-start.exe

Answer: b) xampp-control.exe

28. Which directory in XAMPP contains configuration files?

a) conf

b) etc

c) config

d) system

Answer: a) conf

29. Apache supports virtual hosting. Which directive is used?

a) VirtualServer

b) VirtualHost

c) VHost

d) HostConfig

Answer: b) VirtualHost

30. Which is the default file Apache looks for when opening a directory?

a) default.html

b) home.php

c) index.html/index.php

d) main.html

Answer: c) index.html/index.php

31. XAMPP stands for:

a) Cross-platform, Apache, MySQL, PHP, Perl

b) Xtra Apache MySQL PHP Perl

c) XML Apache MariaDB PHP Perl

d) None

Answer: a) Cross-platform, Apache, MySQL, PHP, Perl

32. Which directive sets the maximum number of clients in Apache?

a) MaxClients

b) LimitClients

c) ClientsMax

d) MaxRequest

Answer: a) MaxClients

33. Apache 2.4 introduced which new module for improved performance?

- a) mod_php
- b) mod_mpm_event
- c) mod_perl
- d) mod_security

Answer: b) mod_mpm_event

34. Which file in XAMPP is edited to change MySQL port?

- a) php.ini
- b) httpd.conf
- c) my.ini
- d) config.php

Answer: c) my.ini

35. Which component of XAMPP handles mail transfer?

- a) FileZilla
- b) Mercury
- c) Tomcat
- d) Apache

Answer: b) Mercury

36. Apache can serve pages over SSL using which module?

- a) mod_ssl
- b) mod_https
- c) mod_encrypt
- d) mod_tls

Answer: a) mod_ssl

37. Which of the following is NOT a feature of Apache?

- a) URL redirection
- b) Load balancing
- c) SMTP mail handling
- d) Authentication

Answer: c) SMTP mail handling

38. The main advantage of XAMPP is:

- a) Difficult to install
- b) Portable and easy setup
- c) Only for Linux
- d) Expensive

Answer: b) Portable and easy setup

39. Apache is written in which programming language?

- a) Java
- b) C
- c) Python
- d) PHP

Answer: b) C

40. XAMPP version for Linux is known as:

- a) WAMP
- b) LAMP
- c) MAMP
- d) XAMPP-Linux

Answer: d) XAMPP-Linux

41. Which directive in Apache allows directory access control?

- a) AllowOverride
- b) AccessDir
- c) DirectoryAllow
- d) PermitDir

Answer: a) AllowOverride

42. Which Apache log file records client requests?

- a) access.log
- b) error.log
- c) client.log
- d) request.log

Answer: a) access.log

43. Which PHP function checks Apache version?

- a) apache_version()
- b) apache_get_version()
- c) get_apache()
- d) version_apache()

Answer: b) apache_get_version()

44. Which open-source license does Apache use?

- a) GPL
- b) MIT
- c) Apache License 2.0
- d) BSD

Answer: c) Apache License 2.0

45. Apache allows configuration per-directory using:

- a) .htaccess file
- b) httpd.conf
- c) php.ini
- d) my.ini

Answer: a) .htaccess file

46. In XAMPP, to secure phpMyAdmin, you should:

- a) Change root password
- b) Enable https
- c) Restrict IP access
- d) All of the above

Answer: d) All of the above

47. Which directive defines server administrator email in Apache?

- a) ServerEmail
- b) ServerAdmin
- c) AdminContact
- d) RootMail

Answer: b) ServerAdmin

48. Which Apache feature allows multiple sites on one server?

- a) Virtual Hosting
- b) Multi-Site
- c) Server Split
- d) Multi-Domain

Answer: a) Virtual Hosting

49. XAMPP Control Panel uses which language?

- a) Python
- b) Delphi
- c) Java
- d) PHP

Answer: b) Delphi

50. Which service must be running in XAMPP to run PHP code?

- a) MySQL
- b) Apache
- c) Tomcat
- d) Mercury

Answer: b) Apache

51. XAMPP is best suited for:

- a) Production servers
- b) Development and testing
- c) Cloud deployment
- d) Mobile apps

Answer: b) Development and testing