GITHUB COPILOT SAMPLE QUESTIONS

1. **Which of the following subscription plans are available for GitHub Copilot?**

   a. GitHub Copilot Free, Pro, and Team

   b. GitHub Copilot Personal, Business, and Enterprise

   c. GitHub Copilot Starter, Professional, and Enterprise

   d. GitHub Copilot Individual, Business, and Enterprise

2. **How do you access GitHub Copilot's inline chat?**

   a. Press Ctrl + Shift + C

   b. Press Ctrl + Shift + P

   c. Press Ctrl + Shift + Q

   d. Press Ctrl + Shift + R

3. **What is the relationship between the "toxicity filter" and the "hate speech filter" in GitHub Copilot?**

   a. The hate speech filter is a component of the broader toxicity filter

   b. The toxicity filter and the hate speech filter are independent and operate separately

   c. The toxicity filter is triggered only after the hate speech filter detects offensive language

   d. The hate speech filter is more lenient than the toxicity filter, allowing for some forms of offensive language

4. **What does GitHub Copilot primarily use to generate code suggestions?**

   a. Predefined code templates

   b. Machine learning models

   c. Manual code review

   d. User feedback

5. **Which languages does GitHub Copilot support?**

   a. Python, JavaScript, TypeScript, Ruby, and Go

   b. Python, HTML, CSS, C++, and Java

   c. JavaScript, TypeScript, Ruby, Perl, and Swift

   d. All programming languages

6. **What is the main benefit of using GitHub Copilot in a project?**

   a. It automatically writes all your code for you

   b. It provides intelligent code suggestions to enhance productivity

   c. It enforces coding standards and guidelines

   d. It handles version control for your code

7. **Which command is used to enable GitHub Copilot in VS Code?**

   a. Copilot: Enable

   b. Copilot: Start

   c. Copilot: Activate

   d. Copilot: Open

8. **What is the significance of the "Copilot Chat" feature?**

   a. Allows users to chat with other developers

   b. Provides a platform for real-time code collaboration

   c. Offers interactive code suggestions and discussions with GitHub Copilot

   d. Integrates with social media platforms for code sharing

9. **How does GitHub Copilot handle sensitive data in code?**

   a. It ignores sensitive data completely

   b. It flags sensitive data and suggests secure alternatives

   c. It automatically removes sensitive data from the code

   d. It encrypts sensitive data within the code

10. **What type of AI model powers GitHub Copilot?**

    a. Convolutional Neural Network (CNN)

    b. Recurrent Neural Network (RNN)

    c. Transformer-based language model

    d. Generative Adversarial Network (GAN)

11. **What is the role of the "Copilot feedback" feature?**

    a. Allows users to rate code suggestions

    b. Provides detailed explanations for code suggestions

    c. Enables users to report bugs and issues with Copilot

    d. Tracks the user's coding progress

12. **Which of the following best describes GitHub Copilot's approach to security?**

    a. It provides automated security patches for the code

    b. It reviews the entire codebase for vulnerabilities

    c. It gives real-time security recommendations

    d. It generates code suggestions based on secure coding practices

13. **What happens if GitHub Copilot makes a wrong code suggestion?**

    a. The suggestion is automatically corrected

    b. The user can ignore or modify the suggestion

    c. The suggestion is logged for future improvements

    d. The user receives a notification about the error

14. **How often does GitHub Copilot's machine learning model get updated?**

    a. Weekly

    b. Monthly

    c. Quarterly

    d. Continuously

15. **In which environments can GitHub Copilot be used?**

    a. Visual Studio Code and GitHub Codespaces

    b. IntelliJ IDEA and PyCharm

    c. Sublime Text and Atom

    d. All major IDEs and text editors

16. **Which command allows you to view GitHub Copilot's settings in VS Code?**

    a. Copilot: View Settings

    b. Copilot: Open Configuration

    c. Copilot: Open Settings

    d. Copilot: Configure

17. **What is the significance of the "OpenAI Codex" in GitHub Copilot?**

    a. It is a coding standard enforced by Copilot

    b. It is a library of pre-built code snippets

    c. It is the AI model that powers Copilot's code suggestions

    d. It is a collection of user-submitted code samples

18. **How does GitHub Copilot handle licensing for generated code?**

    a. All generated code is automatically open-source

    b. Users need to manually select a license for generated code

    c. Generated code inherits the license of the repository

    d. Generated code is free of any licensing constraints

19. **What type of input does GitHub Copilot require to generate code suggestions?**

    a. Complete code files

    b. Code comments and partial code

    c. Project documentation

    d. User preferences and settings

20. **Which of the following is a best practice when using GitHub Copilot?**

    a. Accept all code suggestions without review

    b. Manually review and test all code suggestions

    c. Use Copilot suggestions only for non-critical code

    d. Share Copilot-generated code with the community

21. **Which feature of GitHub Copilot helps reduce repetitive coding tasks?**

    a. Code snippets

    b. Autocompletion

    c. Templates

    d. Code suggestions

22. **How can GitHub Copilot be disabled in a specific file?**

    a. By adding a special comment to the file

    b. By renaming the file

    c. By removing the file from the project

    d. By changing the file extension

23. **What does the "Explain this code" feature do in GitHub Copilot?**

    a. Provides a detailed explanation of the selected code

    b. Translates code comments to different languages

    c. Identifies and fixes bugs in the code

    d. Refactors the selected code

24. **What is the main use of the "Copilot Labs" feature?**

    a. To experiment with new Copilot features

    b. To provide a sandbox environment for testing code

    c. To collaborate with other developers in real-time

    d. To debug complex code issues

25. **How does GitHub Copilot prioritize code suggestions?**

    a. Based on the frequency of usage

    b. Based on the context of the code

    c. Based on user ratings

    d. Based on code length

26. **Which keyboard shortcut invokes GitHub Copilot's inline suggestions in VS Code?**

    a. Ctrl + Enter

    b. Ctrl + Space

    c. Ctrl + Shift + Enter

    d. Ctrl + Shift + Space

27. **What is the best practice for handling code suggestions provided by GitHub Copilot?**

    a. Always accept the suggestions as they are

    b. Customize and review the suggestions before using them

    c. Ignore the suggestions if unsure

    d. Use the suggestions without any modifications

28. **How does GitHub Copilot ensure that code suggestions are relevant?**

    a. By analyzing the project's codebase

    b. By using predefined code templates

    c. By tracking user preferences

    d. By following industry coding standards

29. **What type of feedback can users provide to improve GitHub Copilot?**

    a. Positive or negative ratings

    b. Detailed code reviews

    c. Usage statistics

    d. Suggestion reports

30. **Which feature of GitHub Copilot helps with learning new programming languages?**

    a. Language tutorials

    b. Code explanations

    c. Sample projects

    d. Interactive quizzes

31. **What does GitHub Copilot use to provide contextual code suggestions?**

    a. Code patterns

    b. User preferences

    c. Machine learning models

    d. Code documentation

32. **How often should developers review code suggestions from GitHub Copilot?**

    a. Only once before accepting

    b. Regularly during development

    c. After each project milestone

    d. At the end of the project

33. **Which of the following is a benefit of using GitHub Copilot in team projects?**

    a. Reduces the need for code reviews

    b. Ensures consistent code quality

    c. Automatically merges code changes

    d. Enhances team collaboration

34. **How can users customize GitHub Copilot's behavior?**

    a. By modifying the settings file

    b. By providing code feedback

    c. By updating their GitHub profile

    d. By changing the project structure

35. **What is the role of the "Quick Fix" feature in GitHub Copilot?**

    a. Provides instant solutions to coding errors

    b. Suggests alternative code implementations

    c. Refactors the entire codebase

    d. Automates code testing

36. **Which aspect of GitHub Copilot makes it suitable for beginner programmers?**

   a. It offers comprehensive code reviews

   b. It generates code examples and explanations

   c. It enforces strict coding standards

   d. It integrates with online learning platforms

37. **What does the "Code Analysis" feature in GitHub Copilot do?**

   a. Identifies potential bugs and issues

   b. Enhances code readability

   c. Generates detailed documentation

   d. Recommends code improvements

38. **How can users provide feedback on specific code suggestions from GitHub Copilot?**

   a. By using the feedback button in the suggestion popup

   b. By sending an email to support

   c. By opening a GitHub issue

   d. By editing the code directly

39. **What is the primary advantage of using GitHub Copilot for code completion?**

   a. It increases coding speed and efficiency

   b. It guarantees error-free code

   c. It eliminates the need for documentation

   d. It automatically deploys code

40. **How does GitHub Copilot handle code suggestions for deprecated functions?**

   a. It avoids suggesting deprecated functions

   b. It highlights deprecated functions

   c. It suggests alternatives to deprecated functions

   d. It removes deprecated functions from the code

Answers

1. D	7. a	13. B	19. B	25. B	31. C	37. a
2. B	8. C	14. D	20. B	26. B	32. B	38. a
3. a	9. B	15. a	21. D	27. B	33. D	39. B
4. B	10. C	16. C	22. a	28. a	34. a	**40.** C
5. D	11. a	17. C	23. a	29. D	35. a	
6. B	12. D	18. C	24. a	30. B	36. B	

Refer this Github Copilot chat for Explanation for Each question

Link : https://github.com/copilot/share/4a56431a-4b80-8003-8850-5240642e28b9