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2025/November Latest Braindump2go GH-300 Exam Dumps with PDF and VCE Free Updated Today! Following are some new Braindump2go GH-300 Real Exam Questions!QUESTION 1What method can a developer use to generate sample data with GitHub Copilot? (Each correct answer presents part of the solution. Choose two.)A. Utilizing GitHub Copilot's ability to create fictitious information from patterns in training data.B. Leveraging GitHub Copilot's ability to independently initiate and manage data storage services.C. Utilize GitHub Copilot's capability to directly access and use databases to create sample data.D. Leveraging GitHub Copilot's suggestions to create data based on API documentation in the repository.Answer: ADExplanation:GitHub Copilot can generate sample data by creating fictitious information based on patterns in its training data and by using suggestions based on API documentation within the repository.QUESTION 2What are the potential risks associated with relying heavily on code generated from GitHub Copilot? (Each correct answer presents part of the solution. Choose two.)A. GitHub Copilot may introduce security vulnerabilities by suggesting code with known exploits.B. GitHub Copilot may decrease developer velocity by requiring too much time in prompt engineering.C. GitHub Copilot's suggestions may not always reflect best practices or the latest coding standards.D. GitHub Copilot may increase development lead time by providing irrelevant suggestions.Answer: ACExplanation: Heavy reliance on GitHub Copilot can introduce security vulnerabilities if the generated code contains known exploits. Additionally, Copilot's suggestions may not always align with best practices or the latest standards, requiring careful review and validation.QUESTION 3What is the correct way to access the audit log events for GitHub Copilot Business?A. Navigate to the Security tab in the organization's GitHub settingsB. Navigate to the Insights tab in the repository settingsC. Use the Audit log section in the organization's GitHub settingsD. Use the Code tab in the GitHub repositoryAnswer: CExplanation: Audit log events for GitHub Copilot Business can be accessed through the Audit log section within the organization's GitHub settings. This log provides a record of activities related to Copilot usage and configuration.QUESTION 4How does GitHub Copilot Chat utilize its training data and external sources to generate responses when answering coding questions?A. It primarily relies on the model's training data to generate responses.B. It primarily uses search results from Bing to generate responses.C. It combines its training data set, code in user repositories, and external sources like Bing to generate responses.D. It uses user-provided documentation exclusively to generate responses.Answer: CExplanation: GitHub Copilot Chat combines its training data, code from user repositories, and external sources like Bing to generate comprehensive and relevant responses to coding questions.QUESTION 5How does GitHub Copilot Chat help in understanding the existing codebase?A. By running code linters and formatters.B. By providing visual diagrams of the code structure.C. By answering questions about the code and generating explanations.D. By automatically refactoring code to improve readability.Answer: CExplanation: GitHub Copilot Chat helps in understanding existing codebases by answering questions about the code and generating explanations. This allows developers to quickly grasp the functionality and structure of unfamiliar code.QUESTION 6GitHub Copilot in the Command Line Interface (CLI) can be used to configure the following settings: (Each correct answer presents part of the solution. Choose two.)A. The default execution confirmationB. Usage analyticsC. The default editorD. GitHub CLI subcommandsAnswer: ABExplanation: GitHub Copilot in the CLI allows configuration of settings such as the default execution confirmation and usage analytics. These settings help tailor the CLI experience to the user's preferences.QUESTION 7How does the /tests slash command assist developers?A. Constructs detailed test documentation.B. Creates unit tests for the selected code.C. Integrates with external testing frameworks.D. Executes test cases to find issues with the code.Answer: BExplanation: The /tests slash command in GitHub Copilot Chat creates unit tests for the selected code, helping developers ensure the functionality and reliability of their code.QUESTION 8What GitHub Copilot pricing plan gives you access to your company's knowledge bases?A. GitHub Copilot IndividualB. GitHub Copilot BusinessC. GitHub Copilot EnterpriseD. GitHub Copilot ProfessionalAnswer: CExplanation: GitHub Copilot Enterprise provides access to your company's knowledge bases, enabling the tool to provide contextually relevant suggestions based on your organization's specific documentation and code.QUESTION 9Which of the following is correct about GitHub Copilot Knowledge Bases?A. All repos are indexedB. Indexing is staticC. It is an Enterprise featureD. All file types are indexedAnswer: CExplanation: GitHub Copilot Knowledge Bases is an Enterprise feature that allows the tool to use an organization's internal documentation and code for more accurate and relevant suggestions.QUESTION 10Identify the right use cases where GitHub Copilot Chat is most effective. (Each correct answer presents part of the solution. Choose two.)A. Create a technical requirement specification from the business requirement documentationB. Explain a legacy COBOL code and translate the code to another language like Python.C. Creation of a unit test scenario for newly developed Python codeD. Creation of end-to-end performance testing scenarios for a web applicationAnswer: BCExplanation: GitHub Copilot Chat is effective for explaining and translating legacy code and generating unit test scenarios for new code.QUESTION 11Which of the following GitHub Copilot Business related

activities can be tracked using the organization audit logs?A. Accepted chat suggestionsB. Code suggestions made by GitHub CopilotC. Changes to content exclusion settingsD. Suggestions blocked by duplication detection filteringAnswer: CExplanation: Organization audit logs track changes to content exclusion settings, providing administrators with visibility into configuration changes.QUESTION 12What content can be configured to be excluded with content exclusions? (Each correct answer presents part of the solution. Choose three.)A. Lines in filesB. FilesC. FoldersD. RepositoriesE. GistsAnswer: BCDEExplanation: Content exclusions allow you to exclude files, folders, and repositories from being used by GitHub Copilot.QUESTION 13When can GitHub Copilot still use content that was excluded using content exclusion?A. If the contents of an excluded file are referenced in code that is not excluded, for example function calls.B. When the repository level settings allow overrides by the user.C. If the content exclusion was configured at the enterprise level, and is overwritten at the organization level.D. When the user prompts with @workspace.Answer: AExplanation: GitHub Copilot can still use excluded content if it is referenced in code that is not excluded, such as function calls.QUESTION 14Which of the following is a risk associated with using AI?A. AI algorithms are incapable of perpetuating existing biases.B. AI systems can sometimes make decisions that are difficult to interpret.C. AI eliminates the need for data privacy regulations.D. AI replaces the need for developer opportunities in most fields.Answer: BExplanation: A risk associated with AI is that its decisions can be difficult to interpret, leading to a lack of transparency and potential misunderstandings.QUESTION 15What is a limitation of content exclusions?A. Content exclusions can be worked around as it is only available for Git repositories.B. Content exclusions can only be configured by an enterprise administrator.C. Content exclusions are only available in the GitHub Copilot Individual plan.D. Repository administrators and organization owners cannot manage content exclusion settings.Answer: AExplanation: A limitation is that content exclusions are only available for Git repositories, meaning they can be worked around if content is accessed through other means.QUESTION 16Why might a Generative AI (Gen AI) tool create inaccurate outputs?A. The Gen AI tool is overloaded with too many requests at once.B. The Gen AI tool is experiencing downtime and is not fully recovered.C. The Gen AI tool is programmed with a focus on creativity over factual accuracy.D. The training data might contain biases or inconsistencies.Answer: DExplanation: Gen AI tools can produce inaccurate outputs if the training data contains biases or inconsistencies, which can lead to flawed or misleading results.QUESTION 17An independent contractor develops applications for a variety of different customers. Assuming no concerns from their customers, which GitHub Copilot plan is best suited?A. GitHub Copilot IndividualB. GitHub Copilot BusinessC. GitHub Copilot Business for non-GHE CustomersD. GitHub Copilot EnterpriseE. GitHub Copilot TeamsAnswer: AExplanation: For an independent contractor, GitHub Copilot Individual is the most suitable and cost-effective plan.QUESTION 18What is a likely effect of GitHub Copilot being trained on commonly used code patterns?A. Suggest homogeneous solutions if provided a diverse data set.B. Suggest innovative coding solutions that are not yet popular.C. Suggest code snippets that reflect the most common practices in the training data.D. Suggest completely novel projects, while reducing time on a project.Answer: CExplanation: GitHub Copilot is likely to suggest code snippets that reflect common practices in its training data, as it learns from frequently used patterns.QUESTION 19Which REST API endpoint is used to modify details about a GitHub Copilot Business subscription? (Each correct answer presents part of the solution. Choose two.)A. Add teams to the Copilot subscription for an organizationB. Upgrade or downgrade the subscription tierC. Migrate Copilot seat assignments between GitHub organizationsD. Reassign Copilot seats based on GitHub repository sizeE. Remove teams from the Copilot subscription for an organizationAnswer: AEExplanation: The REST API endpoints are used to add and remove teams from the Copilot Business subscription within an organization.QUESTION 20What is the primary role of the /optimize slash command in Visual Studio?A. Automatically formats the code according to the selected style guide.B. Enhances the performance of the selected code by analyzing its runtime complexity.C. Summarizes your documentation into more maintainable and readable formats.D. Translates code into a more performant language.Answer: BExplanation: The /optimize slash command in Visual Studio enhances the performance of the selected code by analyzing its runtime complexity and suggesting improvements.QUESTION 21What GitHub Copilot feature can be configured at the organization level to prevent GitHub Copilot suggesting publicly available code snippets?A. GitHub Copilot Chat in the IDEB. GitHub Copilot Chat in GitHub MobileC. GitHub Copilot duplication detection filterD. GitHub Copilot access to BingAnswer: CExplanation: The duplication detection filter can be configured at the organization level to prevent GitHub Copilot from suggesting publicly available code snippets.QUESTION 22What is zero-shot prompting?A. Giving as little context to GitHub Copilot as possibleB. Telling GitHub Copilot it needs to show only the correct answerC. Only giving GitHub Copilot a question as a prompt and no examplesD. Giving GitHub Copilot examples of the problem you want to solveE. Giving GitHub Copilot examples of the algorithm and outcome you want to useAnswer: CExplanation: Zero-shot prompting involves asking GitHub Copilot a question or giving a task without providing any examples. This relies on the model's pre-existing knowledge to generate a response.QUESTION 23How can GitHub Copilot be limited when it comes to suggesting unit tests?A. GitHub Copilot can

generate all types of unit tests, including those for edge cases and complex integration scenarios.B. GitHub Copilot primarily suggests basic unit tests that focus on core functionalities, often requiring additional input from developers for comprehensive coverage.C. GitHub Copilot can handle any complexity in code and automatically generate appropriate unit tests.D. GitHub Copilot's limitations in generating unit tests can vary based on the IDE version you are using.

Answer: BExplanation: GitHub Copilot often suggests basic unit tests and may not cover all edge cases or complex integration scenarios, requiring developers to supplement its suggestions.

QUESTION 24What kind of insights can the GitHub Copilot usage metrics API provide to help evaluate the effectiveness of GitHub Copilot? Each correct answer presents part of the solution. (Choose two.)

A. The API can generate detailed reports on code quality improvements made by GitHub Copilot.

B. The API can track the acceptance rate of code suggestions accepted and used in the organization.

C. The API can refactor your code to improve productivity.

D. The API can provide feedback on coding style and standards compliance.

E. The API can provide Copilot Chat specific suggestions acceptance metrics.

Answer: BExplanation: The GitHub Copilot usage metrics API provides insights into the acceptance rate of code suggestions and Copilot Chat specific suggestions acceptance metrics, helping organizations evaluate its effectiveness.

QUESTION 25How does GitHub Copilot suggest code optimizations for improved performance?

A. By analyzing the codebase and suggesting more efficient algorithms or data structures.

B. By automatically rewriting the codebase to use more efficient code.

C. By enforcing strict coding standards that ensure optimal performance.

D. By providing detailed reports on the performance of the codebase.

Answer: AExplanation: GitHub Copilot suggests code optimizations by analyzing the codebase and recommending more efficient algorithms or data structures.

QUESTION 26Which GitHub Copilot plan allows for prompt and suggestion collection?

A. GitHub Copilot Individuals

B. GitHub Copilot Business

C. GitHub Copilot Enterprise

D. GitHub Copilot Codespace

Answer: CExplanation: GitHub Copilot Enterprise allows for prompt and suggestion collection, enabling organizations to analyze and improve their usage of the tool.

QUESTION 27How does GitHub Copilot Enterprise assist in code reviews during the pull request process? (Select two.)

A. It automatically merges pull requests after an automated review.

B. It generates a prose summary and a bulleted list of key changes for pull requests.

C. It can validate the accuracy of the changes in the pull request.

D. It can answer questions about the changeset of the pull request.

Answer: BExplanation: GitHub Copilot Enterprise assists in code reviews by generating summaries of pull requests and answering questions about the changes made.

QUESTION 28Which of the following statements best describes the impact of GitHub Copilot on the software development process?

A. It decreases software vulnerabilities from third party dependencies.

B. It reduces overhead by automating testing workflows.

C. It increases productivity by automating repetitive coding tasks.

D. It replaces the need for developers in the software development process.

Answer: CExplanation: GitHub Copilot primarily impacts the software development process by increasing productivity through automating repetitive coding tasks.

QUESTION 29As a developer who is evaluating the efficiency of GitHub Copilot in generating accurate code across different problem domains. During your R&D, you want to consider the limitations of GenAI tools like Copilot. Which of the following options best describes a core limitation?

A. Copilot always generates error-free code across all languages

B. Copilot reduces the need for STLC and code reviews

C. Copilot may return output that reflects bias or inaccurate info because of its training data

D. Copilot can only be used offline without internet access

Answer: CExplanation: Copilot is trained on a vast amount of data, which is publicly available; this data may include the biased, outdated, or incorrect practices of code implementation. This typically highlights a key concern in Responsible AI.

References:

<https://learn.microsoft.com/en-us/training/modules/responsible-ai-with-github-Copilot/2-manage-ai-risks>

QUESTION 30An organization wants to adopt GitHub Copilot to support their developer in writing code. Which of the following statements best describes the responsible AI operation?

A. Enabling Copilot to commit the code directly into the prod branch without the developer's interference to increase ops speed

B. Relying solely on Copilot to write unit tests

C. Implementing a human code review process to ensure accountability and security checks alongside Copilot-generated code

D. Disabling manual intervention to completely make the development cycle automated

Answer: CExplanation: Responsible AI operation involves transparency, oversight, and security. By enforcing human review and applying security best practices, teams can ensure responsible AI operation and Accountability.

Reference:

<https://learn.microsoft.com/en-us/training/modules/responsible-ai-with-github-Copilot/5-summary?ns-enrollment-type=learningpath&ns-enrollment-id=learn.github-Copilot>

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