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The PeopleCert DevOps-SRE (Site Reliability Engineer) Exam is a certification program designed to validate the knowledge and skills of professionals who are interested in the field of DevOps and Site Reliability Engineering. PeopleCert DevOps Site Reliability Engineer (SRE) certification program is offered by PeopleCert, a globally recognized certification body that helps professionals in mastering the best practices and techniques of the industry.

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Peoplecert PeopleCert DevOps Site Reliability Engineer (SRE) Sample Questions (Q29-Q34):

NEW QUESTION # 29
Which of the following is the BEST example of an SRE team that embraces full-service ownership?

- A. The team is responsible for the coding and improvement of the application.
- B. The team is accountable for coding, shipping, and improving the application.
- C. The team is accountable for the application development and performance.
- D. The team is responsible for application performance and reliability aspects.

Answer: B

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:

In SRE practice, "full-service ownership" means the same team is responsible for the service across its entire lifecycle: design, development, deployment, operation, and continuous improvement. Google's Site Reliability Engineering: How Google Runs Production Systems describes SRE as a software-engineering- focused approach to operations, where engineers are responsible not only for writing the code but also for running it in production and improving its reliability over time. This aligns with the "you build it, you run it" model, which removes the traditional wall between development and operations and makes one team accountable for the whole service.
Option D - "The team is accountable for coding, shipping, and improving the application" - best matches this concept because it explicitly includes building (coding), releasing (shipping), and iterating (improving).
Options A and B do not clearly include operational responsibility, and option C narrows the focus only to performance and reliability, omitting ownership of development and releases. Therefore, D most accurately reflects full-service ownership as described in SRE literature.
References (conceptual alignment):
* Site Reliability Engineering: How Google Runs Production Systems, Betsy Beyer et al., O'Reilly, particularly:
* Introduction & "What Is Site Reliability Engineering?"
* "Introduction to SRE at Google" and discussions of dev/ops ownership boundaries.

NEW QUESTION # 30
How does automation reduce toil?

- A. Automated releases can replace manual releases
- B. Automation doesn't reduce toil. In fact creating automation requires more toil.
- C. We can use artificial intelligence to tell us where we are wasting all of our time
- D. We can use video conference facilities to prevent travel to meetings

Answer: A

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
Automation is the primary method of reducing toil in SRE. The Google Site Reliability Engineering Book, Chapter "Eliminating Toil," states:
"Automation is the most effective tool for reducing toil. Any recurring, manual, automatable task should be automated to prevent it from consuming engineering time." Automated release systems directly eliminate toil by:
* Removing manual deployment steps
* Removing repeated, error-prone human processes
* Increasing reliability and consistency
* Freeing engineers for high-value project work
The SRE Workbook reinforces this:
"CI/CD pipelines and release automation remove significant operational toil by replacing manual processes with repeatable, reliable automation." Why the other answers are incorrect:
* B AI is not required for toil reduction.
* C Meeting travel is not an SRE toil concern.
* D Incorrect; automation dramatically reduces long-term toil, even though initial setup requires effort.
Thus, A is the correct answer.
References:
Site Reliability Engineering Book, "Eliminating Toil"
SRE Workbook, "Toil Reduction Strategies"

NEW QUESTION # 31
Which of the following terms is BEST described by the definition below?
"The probability that the system will meet certain performance standards and yield correct output for a specific time."

- A. Availability
- B. Durability
- C. Reliability
- D. Throughput

Answer: C

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:
The SRE Book defines reliability as: "the probability that a system will perform its intended function correctly for a specified period of time." (SRE Book - Introduction). Reliability focuses on correctness and consistent performance, not simply uptime. Availability (option A) refers to system uptime or accessibility.
Durability (option C) refers to long-term data persistence. Throughput (option D) measures volume of work processed over time. Because the definition explicitly mentions probability of meeting performance standards and correct output over time, it directly matches the SRE definition of reliability.
Thus, B is correct.
References:
Site Reliability Engineering, Introduction section on reliability definitions.
The Site Reliability Workbook, Reliability fundamentals.

NEW QUESTION # 32
In which of the following SRE adoption models is reliability a 'first class citizen'?

- A. Platform
- B. Consulting
- C. Full
- D. Embedded

Answer: C

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
In the Full SRE model, reliability becomes a first-class citizen because SREs own the complete operational responsibility for the service and apply SRE principles end-to-end. The Google SRE Book describes several adoption models (Consulting, Embedded, and Full), and only the Full SRE model has SREs fully accountable for reliability outcomes.
From the Site Reliability Engineering Book, Chapter "SRE Engagement Models":
"In the Full SRE model, the SRE team is responsible for end-to-end reliability. Reliability becomes a first- class objective, supported through SLOs, error budgets, and systematic reduction of toil." The Full model includes:
* Full ownership of reliability
* Enforcement of SLOs
* Error budget policies
* Engineering-driven improvement
Other models:
* Consulting # SRE gives guidance but doesn't own reliability
* Embedded # temporary embedding to train teams, not full ownership
* Platform # focuses on shared tooling, not service ownership
Thus, D. Full is correct.
References:
Site Reliability Engineering Book, "Engagement Models"
SRE Workbook, "Adopting SRE in Your Organization"

NEW QUESTION # 33
What is the MOST widely tracked Service Level Objective (SLO)?

- A. Availability
- B. Securability
- C. Performance
- D. Observability

Answer: A

Explanation:
Comprehensive and Detailed Explanation From Exact Extract:
Availability is the most widely tracked and commonly understood SLO across nearly all digital services. It measures whether users are able to successfully access and use the system. Because unavailability directly impacts user experience, revenue, trust, and reliability, it is the primary SLO used across industries.
The Site Reliability Engineering Book, Chapter "Service Level Objectives," states:

"Availability is one of the most common and important SLOs since it reflects the basic ability of the service to function for users." The SRE Workbook also notes:
"Availability targets (e.g., 99.9%, 99.99%) are the most widely used form of SLOs and form the foundation of error budget policies." While performance SLOs are also common, availability SLOs are almost universal and foundational.
Thus, D. Availability is the correct answer.
References:
Site Reliability Engineering Book, "Service Level Objectives"
SRE Workbook, "Implementing SLOs"

NEW QUESTION # 34
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This format of our DevOps-SRE product is easiest to use due to its compatibility with web-browsers. This handy feature makes it your go-to online platform to evaluate your preparation. Conceptual and tough DevOps-SRE questions will prompt on your screen which will test your true concepts. Peoplecert Certification Exams Questions taken from past papers will also be given to give you a brief idea of the actual difficulty level of the PeopleCert DevOps Site Reliability Engineer (SRE) (DevOps-SRE) exam. Its large question bank prepares you to ace your exam with ease and it will also help you to pinpoint your mistakes and weaknesses and work on them.