

Test: RH1 2025 Prerequisite Assessment

Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

1. Which of the following statements regarding large language models (LLMs) is most accurate?

They typically provide full transparency regarding how they are trained and developed. ☐

It is easy to delete information from LLMs. ☐

Most LLMs are not trained on copyrighted material. ☐

They require a tremendous amount of resources and expertise to create and train.
(*) ☒

✔Correct

2. Which of the following statements most accurately defines an artificial intelligence (AI) platform?

It is an integrated collection of technologies used to develop, train, and run machine learning (ML) models. (*) ☒

It is an end-to-end automation solution that helps enterprises configure systems, deploy software, and orchestrate advanced workflows across teams and IT environments. ☐

It is a computer program that uses data sets and algorithms to make decisions and predictions without human intervention. ☐

It is a hardware device used exclusively for running artificial intelligence algorithms in real time. ☐

✔Correct

3. Which of the following statements regarding Red Hat OpenShift AI (RHOAI) is most accurate?

It is included with every Red Hat OpenShift subscription at no additional cost. ☐

It can only run in the public cloud; it is not suitable for on-premise use. ☐

It is a machine learning operations (MLOps) platform that runs on top of Red Hat OpenShift. (*) ☒

It requires that customers use a Red Hat-created model. ☐

✔Correct

4. Which statement best describes a characteristic of the Granite family of AI models?

They are open source and included under the Apache 2.0 license. (*) ☒

None of the Granite models are created for code. ☐

They are proprietary and are produced by OpenAI. ☐

They are larger than GPT-4. ☐

✔Correct

5. What is "deep learning"?

A means to supplement the data that exists within an LLM with external knowledge sources - for example, data repositories, collections of text, and pre-existing documentation ☐

A specialized form of machine learning (ML) that teaches computers to process data using an algorithm inspired by the human brain (*) ☒

A model training technique that only works with predictive AI models ☐

An approach used by data scientists to eliminate hallucinations ☐

✔Correct.

6. Which statement regarding predictive AI is most accurate?

It can be used by streaming services to make a movie recommendation based on a user's viewing history. (*) ☒

It can be used by design programs to create illustrations solely from a text description. ☐

It is rarely used by enterprises. ☐

Enterprises only started using predictive AI with the release of ChatGPT. ☐

✔Correct

7. Based on the sales play for Server Cloud Operating System TDP, what are some customer pain points? Select the best three answers that apply.

(Choose all correct answers)

Maintain the growing costs of IT environments (*) ☒

Manage legacy applications and disparate tools ☐

Manage increasingly complex IT environments (*) ☒

Maintain systems in critical areas, such as security (*) ☒

✔Correct

8. Which of the following statements best describes Moore's law?

Any piece of software reflects the organizational structure that produced it. ☐

The number of transistors in an integrated circuit doubles approximately every two years. (*) ☒

Software gets slower more rapidly than hardware becomes faster. ☐

The value of a network is proportional to the square of the number of connected users. ☐

✔Correct

9. What relationships do sales plays have with Technology Decision Points (TDP)? Select the best two answers that apply.

(Choose all correct answers)

A sales play helps target the right personas and drive full portfolio adoption (*) ☒

A sales play gathers data on the customer's compliance regulations ☐

A sales play provides guidance to sellers to win that customer decision (*) ☒

A sales play supports the seller with financial research on the customer ☐

✔Correct

10. Based on the sales play for AI platform TDP, what are some customer pain points? Select the best three answers that apply.
(Choose all correct answers)

- Too many models to choose from (*) ☒
- The struggle to find scalable infrastructure ☐
- The expensive cost to train the models (*) ☒
- Identifying use cases to start with (*) ☒

✔Correct

11. When a large language model (LLM) generates a response that appears correct but is, in fact, factually incorrect or nonsensical, it is generally referred to as a:

- Visualization. ☐
- Daydream. ☐
- Hallucination. (*) ☒
- Mirage. ☐

✔Correct

12. Based on the sales play for Application Platform TDP, what are some customer pain points? Select the best three answers that apply.
(Choose all correct answers)

- DevOps teams hindered by maintaining legacy applications (*) ☒
- Developers spending too much time on infrastructure and security issues (*) ☒
- Customers struggle to find consistent, portable and scalable infrastructure ☐
- They need a platform that provides on-demand services (*) ☒

✔Correct

13. A Technology Decision Point is not how a customer thinks about Red Hat but rather how a customer:

- Messages their value proposition to stakeholders ☒
- Reflects on their past sales performances ☐
- Reassess their financial growth strategy ☐
- Thinks about themselves and their own critical technology decisions (*) ☐

✖Review the Technology Decision Point Fundamentals course, Lesson 2: Technology Decision Point overview.

14. Based on the sales play for Virtualization TDP, what are some customer pain points? Select the best two answers that apply.
(Choose all correct answers)

- Manage increasingly complex IT environments ☐
- Risk of significant increases to VMware costs (*) ☒
- Hiring qualified System Admins to maintain the systems ☐
- Move away from legacy virtualization solutions (*) ☒

✓Correct

15. An organization in Europe is considering adopting a machine learning operations (MLOps) platform to further its AI/ML strategy. The organization belongs to a highly regulated industry and prioritizes control of its data above all else. Which of the following benefits of Red Hat OpenShift AI (RHOAI) is most likely to interest the organization?

- Ability to build, train, deploy, and monitor AI/ML workloads in on-premise data centers (*) ☒
- Self-service access to collaboration workflows ☐
- RHOAI's open source origins ☐
- Red Hat's strong AI partner ecosystem ☐

✓Correct

16. Based on the sales play for Container Management TDP, what are some customer pain points?

- Maintain systems in critical areas, such as security vulnerabilities and performance ☐
- Struggle to find consistent, portable and scalable infrastructure across any environment (*) ☒
- Determine how to perform migrations and modernizations off of VMware ☐
- Find qualified system integrators to manage customer architecture and environments ☐

✓Correct

17. What is one of the components of Red Hat Enterprise Linux AI (RHEL AI)?

- IBM watsonx Code Assistant ☐
- Red Hat Enterprise Linux Lightspeed ☐
- Red Hat OpenShift AI (RHOAI) ☐
- The Granite family of language and code models (*) ☒

✓Correct

18. An organization considering Red Hat Enterprise Linux (RHEL AI) has a shortage of data scientists and is most interested in expanding the pool of employees who can contribute to AI models. Which characteristic of RHEL AI is likely to be of most interest to the organization?

- Employees only need to know yet another markup language (YAML) to contribute to models. (*) ☐
- RHEL AI comes with the level of enterprise support customers have come to expect from Red Hat. ☐
- The Granite family of AI models that come with RHEL AI are fully supported and indemnified by Red Hat. ☒

RHEL AI is designed to be used with gen AI only. ☐

✖Review the Red Hat AI: Product Overviews course, Lesson 2: Red Hat Enterprise Linux AI (RHEL AI).

19. Which approach to foundation models involves getting better answers from a generative AI application by linking a large language model (LLM) to an external resource?

- Model training ☐
- Retrieval-augmented generation (RAG) (*) ☒
- Prompt tuning ☐
- Fine tuning ☐

✔Correct

20. Based on the sales play for Mission Critical Automation TDP, what are some customer pain points? Select the best two answers that apply.

(Choose all correct answers)

- Need to maintain costs to train and build selected AI models into their applications ☐
- Need to reevaluate investments in, and strategy with, traditional virtualization ☐
- Need a single unified automation platform to improve efficiency and reduce human error (*) ☒
- Need to automate complex, repetitive tasks in a consistent, reliable way (*) ☒

✔Correct