



Huawei H19-341_V1.0 Mock Exam

Shared by Park on 17-06-2026

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Question 1

Question Type: MultipleChoice

Which option best operating systems does Huawei CloudLink soft clients support? (Select all that apply)

Options:

- A- Windows
- B- HarmonyOS
- C- iOS
- D- Android



Answer:

A, B, C, D

Explanation:

Huawei CloudLink soft clients (such as CloudLink Desktop and CloudLink Mobile) are designed for 'Anywhere Office' collaboration. They provide a consistent user experience across the following platforms:

Windows (A): For desktop and laptop PCs.

HarmonyOS (B): Fully optimized for Huawei's ecosystem of smartphones and tablets.

iOS (C): For Apple iPhones and iPads.

Android (D): For the wide variety of Android-based mobile devices.

Additionally, macOS is also supported, though not listed in the options provided. This cross-platform support ensures that users can join meetings regardless of their device hardware.

Question 2

Question Type: MultipleChoice

The Huawei SMC platform only supports VM-based and cloud deployment.

Options:

- A- TRUE
- B- FALSE

Answer:

B

Explanation:

This statement is FALSE. While the Huawei SMC (Service Management Center) is highly virtualized and optimized for VM (Virtual Machine) and Cloud environments (such as Huawei Cloud or private clouds), it also supports Bare-Metal deployment.

In high-performance scenarios or large-scale enterprise deployments where dedicated hardware resources are required to ensure maximum stability and registration capacity, the SMC can be installed directly on physical servers (e.g., Huawei 2288X or Taishan servers) without a virtualization layer.

Question 3

Question Type: MultipleChoice

Which function does the Huawei MCU web portal NOT support?

Options:

- A- One-click information collection
- B- Hardware status
- C- Logs collection
- D- Power on

Answer:

D

Explanation:

The MCU (Multipoint Control Unit) web portal is a software management interface accessible via a

browser once the device is already running.

One-click information collection (A): This is a standard O&M feature used to gather system data for troubleshooting.

Hardware status (B): The portal displays real-time data such as CPU usage, memory, and temperature.

Logs collection (C): Administrators can download operation and system logs directly from the web UI.

Power on (D): This is not supported because the web portal is a service provided by the MCU's operating system. If the device is powered off, the web service is not running and cannot be accessed. To power on the device remotely, an out-of-band management tool like the Huawei iBMC (Intelligent Baseboard Management Controller) must be used.

Question 4

Question Type: MultipleChoice

Huawei IdeaHub S2 passed global authoritative security certification, what security measures are included? (Select All that can apply)

Options:

- A- Controllable interface permissions
- B- Separate storage of sensitive data
- C- Traceable access records
- D- Refined permission granularity
- E- Randomized distribution of kernel address space

Answer:

A, B, C, D, E

Explanation:

The IdeaHub S2 is the first large-screen collaboration device to achieve CC EAL5+ high-level security certification. Its multi-layered defense includes:

Interface Control (A & D): Administrators can disable physical ports (USB, etc.) and set granular permissions for apps.

Data Security (B): Sensitive data and keys are stored in a TEE (Trusted Execution Environment), isolated from the standard OS.

O&M Security (C): Every login and system change is logged for auditing and traceability.

Kernel Security (E): It uses ASLR (Address Space Layout Randomization) to prevent memory-based cyberattacks by making the location of system processes unpredictable.

Question 5

Question Type: MultipleChoice

Which one is not the feature of the Huawei digital classroom solution?

Options:

- A- Whiteboard/Green-colored blackboard: Writing using only chalks is supported, and the content can be synchronized to the IdeaHub.
- B- Keep traditional method: Teachers can write on the digital whiteboard as easily as they write on a traditional blackboard.
- C- Digitalized blackboard content: The content on the blackboard can be automatically synchronized to the IdeaHub.
- D- Blackboard content saving: Teachers and students can save blackboard content effortlessly by scanning a QR code.

Answer:

A

Explanation:

In the Huawei Digital Classroom Solution, the 'not correct' feature is Option A.

The Reality: While the solution includes a Digital Blackboard (an electronic companion to the IdeaHub) that supports chalk and synchronization, a standard 'Green-colored blackboard' is an analog surface. If a teacher uses only chalks on a traditional green board, there is no electronic sensor to capture and synchronize that data to the IdeaHub. Synchronization requires the Electronic Blackboard hardware. Options B, C, and D are all core features highlighting the interactive and digitizing capabilities of the smart classroom environment.

Question 6

Question Type: MultipleChoice

Huawei IdeaHub Board 2 supports various ports, not including:

Options:

- A- Type-C
- B- USB
- C- VGA
- D- HDMI



Answer:

C

Explanation:

The Huawei IdeaHub Board 2 is designed with modern digital interfaces to match current classroom technology. Its port list includes HDMI (Input/Output), USB Type-A/Type-B, and a full-featured Type-C port on the front panel for 4K projection and charging. It does not include a VGA port, as this is a legacy analog standard that has been phased out in favor of high-definition digital connections like HDMI and USB-C.

Question 7

Question Type: MultipleChoice

Which option best noises can be suppressed by the intelligent noise reduction algorithm of Huawei Box terminals? (Select all that apply)

Options:

- A- Coughing sounds
- B- Teacup crashing
- C- Speaking voice
- D- High-heeled heels
- E- Keyboard sound



Answer:

A, B, D, E

Explanation:

Huawei's Intelligent Noise Reduction (AI Noise Cancellation) technology is built on deep learning models trained on millions of hours of audio data. Its primary goal is to distinguish between human speech and non-human background noise.

Suppressed Noises: The algorithm identifies and filters out over 30 types of common office noises, including keyboard typing (E), coughing (A), shuffling of papers, teacup or pen clatter (B), and the clacking of high-heeled shoes (D).

Preserved Sound: The Speaking voice (C) is specifically identified as the target signal. The AI ensures that while background 'garbage' is removed, the human voice remains natural, clear, and undistorted.

Question 8

Question Type: MultipleChoice

Which statements are correct about Huawei SMC resource pool management? (Select all that apply)

Options:

- A- The system automatically schedules resources to the best-performing MCU and CloudRSE based on resource usage.
- B- Smooth switchover without interruption of calls when an MCU is faulty.
- C- MCU resources can be dynamically released, and scheduled conferences do not occupy resources.
- D- Inter-region interaction and automatic MCU cascading.

Answer:

A, B, C, D

Explanation:

Huawei SMC3.0 introduced advanced Resource Pool Management features:

Option A: The SMC monitors the load and performance of all MCUs/RSEs in a pool, automatically routing new calls to the node with the most available capacity (Load Balancing).

Option B: If a physical MCU fails, the SMC can migrate participants to another active MCU in the pool to ensure high availability and meeting continuity.

Option C: Resources (like media ports) are allocated only when a conference actually starts. Simply 'scheduling' a meeting doesn't consume live hardware ports, allowing for higher efficiency.

Option D: The system supports multi-level, hierarchical networking where MCUs in different geographic regions can be cascaded automatically to optimize bandwidth and provide local access.



Question 9

Question Type: MultipleChoice

Which audio codec protocol is not supported by Huawei CloudMCU?

Options:

A- G.721

B- G.729

C- G.711

D- G.722

G- 721 is an obsolete 32 kbit/s ADPCM standard that was officially superseded by and incorporated into the G.726 standard. Because it is a legacy protocol not used in modern high-definition video conferencing, it is not supported by the CloudMCU.

Answer:

A

Explanation:

The Huawei CloudMCU is a converged media platform that supports a wide range of industry-standard audio codecs to ensure interoperability and high-quality voice. According to official technical specifications, the supported audio protocols include:

Narrowband: G.711a/u, G.729, G.729A, and iLBC.

Wideband/High-Fidelity: G.722, G.722.1, G.722.1C (Siren7/14), OPUS, and AAC-LD.

Question 10

Question Type: MultipleChoice

In a small and medium-capacity Huawei CloudVC network, the SMC and SC cannot be co-deployed on the intranet.

Options:

- A- TRUE
- B- FALSE

Answer:

B

Explanation:

In the Huawei CloudVC solution, the SMC (Service Management Center) and the SC (SwitchCenter) are distinct functional entities. However, to optimize hardware resources and reduce deployment costs for small and medium-sized enterprises, Huawei supports the co-deployment of these components.

Specifically, in 'all-in-one' or 'single-node' deployment scenarios, the SMC and the SC (and sometimes the MCU or CloudRSE) can be installed on the same physical server or within the same virtual machine environment on the intranet. The system distinguishes between the two based on their specific port configurations and internal signaling logic. Therefore, the statement that they 'cannot be co-deployed' is technically incorrect.

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