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H19-316

HCPA-ECC (Huawei Certified Pre-sales Associate – ECC)

Version 1.0

Exam A

QUESTION 1

Cameras can be connected to the VCN only through the ONVIF protocol.

A. TRUE
B. FALSE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000145260?section=j007

QUESTION 2 Huawei Cameras used self-
designed chipset.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.androidauthority.com/huawei-hisilicon-852231/

QUESTION 3 For Huawei SDC Camera, algorithms can be downloaded from online
algorithm store.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://e.huawei.com/en/products/intelligent-video-surveillance/cameras/software-defined-camera/what-is-software-defined-camera

QUESTION 4 Ascend 310 can provide computing
power up to?

A. 2TOPS B.
8TOPS
C. 4TOPS
D. 16TOPS

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.huawei.com/en/press-events/news/2019/8/huawei-ascend-910-most-powerful-ai-processor

QUESTION 5
Which vendor are providing the largest number of IP camera chips in the market?

A. Freescale
B. Intel
C. Huawei Hisilicon
D. TI

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://ipvm.com/reports/huawei-hisilicon

QUESTION 6
M2140-EBI cameras use machine learning intrusion detection algorithm, which has better performance compared to deep learning intrusion detection algorithm.

A. TRUE
B. FALSE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7 Which cameras can support 1 plus N proxy?
(Choose three.)

A. M1241-Q
B. M2241-QL
C. X2241-HL
D. C6620-223
E. X1221-V
F. X1221-F

Correct Answer: BCF
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8 What area has 3 major challenges of Machine Vision?
(Choose three.)

A. Storage
B. Algorithms
C. Computing Power
D. Data

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9

With abundant computing power on the camera, what can we do with it?

A. Run multiple algorithms in single camera
B. Record video data for longer retention time
C. Share Intelligence to other legacy cameras
D. Edge Processing and feedback only valuable results

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 10 Which of the following are the highlights of Huawei cameras?
(Choose three.)

A. Heat map
B. Video quality diagnosis
C. 1 plus N proxy
D. Up to 200 face images capture per frame
E. Color low light
F. Scenario self-adaption

Correct Answer: BCE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11 Which of the following is typical campus scenarios?
(Choose three.)

A. Campus entrance
B. Campus perimeter
C. Campus open area
D. Indoor room
E. Building entrance
F. Indoor passage

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12 Huawei brackets support the following
mounting types:

A. Horizontal bar mount
B. Vertical pole mount
C. Wall mount
D. Pendant mount

Correct Answer: B

Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000077015/dbd287fc/pole-mounting

QUESTION 13 For video Diagnostic functions, how many 1080P channels can VCN handle at
the same time?

A. 2
B. 1
C. 4
D. 3

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1100002519?section=j004 (video quality diagnosis)

QUESTION 14 A VCN3020 is able to connect 512 channels of cameras (not more than 1024 Mbit/s total bandwidth) with storage
and forwarding.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: http://www.tvs.com.hk/Download/HUAWEI%20VCN3020.pdf (1)

QUESTION 15 VCN3020 supports dual platinum power supplies: 1+1 redundant
and hot swap.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16 VCN510-8 needs additional PoE switch if IP Cameras connected are not deployed with
power adapters.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000145260?section=j005

QUESTION 17 VCN3010/3020 is _____ U height, and the maximum HDD quantity
is _____ units.

A. 3 / 38
B. 4 / 228
C. 4 / 40
D. 4 / 38

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: http://www.tvs.com.hk/Download/HUAWEI%20VCN3010.pdf

QUESTION 18 VCN3010/3020 is All-In-One design which contains Management Server, Media Forwarding Server, and
Storage Server.

A. TRUE
B. FALSE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: http://www.tvs.com.hk/Download/HUAWEI%20VCN3010.pdf

QUESTION 19 Which High reliability features are supported by
VCN520/VCN540?

A. SafeVideo+: Video Data Integrity Upon Frame Loss
B. Full Service Migration upon a Node Fault
C. Full Service Migration upon a Raid Group Fault
D. Fault migration upon detecting a faulty node

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000145256?section=j006

QUESTION 20
Which VCN Product support N+0 Cluster mode?

A. VCN540
B. VCN510
C. VCN3020
D. VCN3010
E. VCN520

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Reference: https://actfornet.com/products/cloud-communications/surveilance/video-surveillance-cloud-platform/vcn/vcn520-32

QUESTION 21
Which VCN product support RAID5?

A. VCN510
B. VCN3020
C. VCN540
D. VCN3010
E. VCN520

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
Reference: https://actfornet.com/products/cloud-communications/surveilance/video-surveillance-cloud-platform/vcn/vcn520-32

QUESTION 22 Huawei VCN platform support adding cameras through the
following modes:

A. Passive registration
B. Wizard
C. Active registration
D. Mutual registration

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000145260?section=j007

QUESTION 23 Which of the following descriptions is correct for
SafeVideo+?

A. RAID 5 group online Expansion
B. The RAID group can be quickly reconstructed after a faulty disk is replaced with a new one upon a RAID 5 failure.
C. Block storage
D. Data is still readable and writable in remaining normal disks upon a RAID 5 failure.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://forum.huawei.com/enterprise/en/what-is-safe-video-data-storage/thread/494295-887

QUESTION 24 Which of the following are the functions of SafeVideo+? (Choose
all that apply.)

A. Readable and writable upon RAID failure
B. Redundant recording storage
C. Online capacity expansion
D. Plug and play
E. Bad sector replacement

Correct Answer: ABCDE

Section: (none)
Explanation

Explanation/Reference:
Reference: https://forum.huawei.com/enterprise/en/what-is-safe-video-data-storage/thread/494295-887

QUESTION 25 What is key difference between Huawei CloudIVS 3000 and traditional all-
in-one server?

A. GPU resource sharing, even 1 server can have different AI capabilities.
B. Safevideo+
C. Face Recognition

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://actfornet.com/ueditor/php/upload/file/20191020/1571543320659870.pdf

QUESTION 26 In Huawei CloudIVS Solution, A lower-level domain can download algorithms from the algorithm repository of the upper-
level domain.

A. TRUE
B. FALSE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27 Huawei CloudIVS3000 is an edge cloud platform, which use lightweight container
technologies.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://actfornet.com/ueditor/php/upload/file/20191020/1571543320659870.pdf

QUESTION 28 Service modules in CloudIVS 3000 are deployed
in containers.

A. TRUE
B. FALSE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://actfornet.com/ueditor/php/upload/file/20191020/1571543320659870.pdf

QUESTION 29
The CloudIVS 3000 uses the CSP OM portal, but not the OMU portal, for basic configurations.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://actfornet.com/ueditor/php/upload/file/20191020/1571543320659870.pdf (35)

QUESTION 30 How many times can CloudIVS3000 provide for extreme speed analysis of
history video?

A. 50 times
B. 288 times
C. 60 times

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31 For CloudIVS 3000, what is core benefit for Multiple-Algorithm
Warehouse?

A. Can accommodate different kinds of algorithms to provide more solutions to customer
B. GPU Resource scheduling, decoupling with hardware
C. Unified data format (image and structured data), data cloud not be invalid even change to other algorithm vendor
D. Unified API for VMS, once integration, always online

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32 For CloudIVS3000, which criteria can be used to search for vehicles? (Choose
all that apply.)

A. Vehicle type
B. Plate type
C. License plate
D. Plate color
E. Vehicle color

Correct Answer: ABCDE
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/br/doc/EDOC1100123467

QUESTION 33
Compared with standard central cloud, which kind of benefit can edge cloud provide?

A. Local processing, bandwidth saving
B. Local processing, fast response
C. Can provide Big Data analysis more easily
D. Can provide data collision from multi-area or multi-domain more easily

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.apriorit.com/dev-blog/531-cloud-edge-computing

QUESTION 34 For CloudIVS3000, which features will use the intelligent
facial analysis?

A. Whitelist-based face alert
B. Blacklist-based face alert
C. Face match
D. Face search

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/br/doc/EDOC1100123467

QUESTION 35 For CloudIVS3000, what are the operation entries for face search?
(Choose two.)

A. Capture a face for search during live video viewing
B. Capture a face for search during recording playback
C. Face Search tab page
D. Capture a face from a person search result

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/br/doc/EDOC1100123467

QUESTION 36 Which kind of Coordination can Huawei CloudIVS solution provide?
(Choose two.)

A. Resource coordination B.
Data coordination
C. Algorithm coordination
D. Task coordination

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

Reference: http://www.programmersought.com/article/2721562069/

QUESTION 37 CloudLink Room Presence has 75 inch single display and 65 inch dual display model.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://e.huawei.com/en/products/cloud-communications/telepresence-video-conferencing/endpoints/cloudlink-roompresence

QUESTION 38 Where can we quote the single VPM220, Remote control or endpoint cable?

A. Endpoint Peripherals
B. VPC600
C. TE30
D. VC Integration Module

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://actfornet.com/quote/site/index/productSeries/Endpoint+peripherals.html

QUESTION 39 What's the voice pick up distance of VPM220?

A. 6 meters
B. 4 meters
C. 10 meters
D. 8 meters

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://e.huawei.com/ae/related-page/products/enterprise-network/telepresence-video-conferencing/peripherals/vpm220/TPVC_VPM220

QUESTION 40 The maximum bandwidth of TE Mobile is:

A. 1.5 Mbps
B. 1024 Kbps
C. 2 Mbps
D. 728 Kbps

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41 CloudLink Box600 support video 4K30 +
content 4K30.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://e.huawei.com/se/products/cloud-communications/telepresence-video-conferencing/endpoints/cloudlink-box

QUESTION 42 What's the meaning of "1"
in RP100-xx?

A. 1 U
B. 1 display
C. 1 CPU
D. 1 codec

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/enterprise-communications/rp100-pid-7344028

QUESTION 43 The multiple platforms of TE Desktop&Mobile include:
(Choose two.)

A. IOS
B. Android
C. Windows
D. MAC OS X

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
Reference: https://e.huawei.com/ae/products/cloud-communications/telepresence-video-conferencing/personal-systems/te-desk-mobile

QUESTION 44 Which descriptions are correct about function of TE20's USB port?
(Choose two.)

A. Configuration import
B. Video input
C. Mouse
D. Keyboard

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000119254?section=j00a

QUESTION 45 About the TP and RP product, the following is correct.
(Choose three.)

A. The remote controller is a basic component for RP product, while for TP product the remote controller is an optional one.
B. The difference between TP3206-70 and TP3206-65 is the screen size.
C. The conference control PAD is a basic component for TP product, while for RP product the control PAD is an optional one.
D. The difference between RP100 & RP200 is the numbers of TV.

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
Please choose the differences between TE30 and TE40/TE50/TE60?

A. TE30 is all-in-one, while TE40/TE50/TE60 is detached codec.
B. TE30 can not support multi-view function, while TE40/TE50 and TE60 can.
C. TE30 support up to 1080p 30fps video conference, and TE40/TE50/TE60 is up to 1080p 60fps.
D. TE30 support wifi, TE40/TE50/TE60 can not support.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000184615?section=j004

QUESTION 47 Which descriptions are correct for VPT300?
(Choose two.)

A. VPT300 uses face and human shape recognition algorithms to ensure accurate tracking.
B. Detects speaker's location through horizontal and vertical MIC arrays.
C. As soon as the sound is detected, the VPT300 will display the sounder close-up screen.
D. Built-in binocular camera can detect 3D information.

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48 What are Room Presence's highlights?
(Choose two.)

A. HD experience
B. Simplicity & elegance
C. Ease of use
D. Intelligent network adaption

Correct Answer: AC
Section: (none)
Explanation
Explanation/Reference:

QUESTION 49
SMC2.0's Nlog function can display the packet lost in photography, and administrator can check the network of targeted.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://actfornet.com/store/smc2-0-basic-model.html

QUESTION 50
H.323 and SIP are two standard protocol frame for video conferencing system, H.323 is established by ITU and SIP is established by IETF.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.idtexpress.com/blog/signalling-standards-h-323-sip/

QUESTION 51
In Huawei VC/TP solution architecture, there are 3 layers. The layer 1 is service platform, it includes SMC2.0/SC. The layer 2 is media platform, it includes MCU, media gateway, recording system. The layer 3 is user access platform, it includes all kinds of Endpoints and Telepresence systems.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000093283?section=j005

QUESTION 52 Switch Center has two main functions: registration and
firewall traversal.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://actfornet.com/huawei-ucc/sc.html

QUESTION 53 The maximum traversal bandwidth that embedded Switch
Center support is:

A. 300 Mb

B. 400 Mb C. 60 Mb
D. 120 Mb

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://actfornet.com/products/cloud-communications/enterprise-cloud-communications-2/enterprise-communications/enterprise-communications-2/sc-v600r006/materials

QUESTION 54 Which of the following parameters is to measure the motion performance of a video:
(Choose two.)

A. Frame rate
B. Aspect ratio
C. Bandwidth
D. Resolution

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 55 In which scenario is CloudMCU necessary?

A. SVC
B. Data conference
C. 25 continuous panes
D. 4K

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000157096?section=j004

QUESTION 56 The function of SMC/SC include:
(Choose two.)

A. Device management
B. 3rd Party Integration
C. Firewall traversal
D. Resource management
E. GK/SIP Server
F. Conference management

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=2ahUKEwj88vTNqvDoAhWBonEKHdOZDcwQFjAAegQIAhAB&url=http%3A%2F%2Fe.huawei.com%2Fen%2Fmaterial%2FMaterialDownload%3Fmaterialid%3Db0c8a5a4e56b40838f534e13601e7b49%26language%3Den&usg=AOvVaw2Q19-lsryLbDtJkwE_ZOBS

QUESTION 57 Which pattern does Switch Center support for
SIP URI dialing?

A. 0755001@sc.enterprise.com
B. 0755001@60.1.1.10
C. 60.1.1.10##0755001
D. 0755001##60.1.1.10

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 58 What functions does EUA provide?
(Choose two.)

A. Support address book with tree structure
B. Cisco TMS address book synchronization
C. Endpoint gets address book from EUA
D. LDAP integration

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/de/doc/EDOC1100059094/6136da2e/corporate-directory-cloudusm-eua

QUESTION 59
Which product support GEO redundancy?

A. MCU
B. SMC
C. Switch Center
D. WebRTC gateway

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://e.huawei.com/ae/related-page/products/enterprise-network/telepresence-video-conferencing/infrastructure/cloudmcu/tpvc-cloudmcu

QUESTION 60 What's the advantage of two SC back-to-back
deployment mode?

A. Easy to deploy
B. Security
C. Less ports opened on firewall
D. More traversal bandwidth

Correct Answer: B
Section: (none)
Explanation
Explanation/Reference: