Vendor: Motorola Solutions

Exam Code: MSC-331

Exam Name: Designing and Deploying Mobile Computing Solutions

Version: Demo

QUESTION NO: 1

While conducting site interviews your client mentions that in addition to the inside data collection applications they also need another mobile device that can be mounted in their large tractor trailers. This device must be able to connect to their database real-time while on the road, plus monitor shipping container and Over the Road logistics. You should propose which of the following devices?

A. MC2100
B. VC6096
C. ES400
D. MC919OG
E. MC3100G

Answer: B

QUESTION NO: 2

You are working on gathering the Environmental Requirements from the customer. Which of the following would NOT be considered an Environmental parameter?

A. Drop Specification requirement
B. Water/Dust Sealing Specification
C. Barcode decode symbology
D. Scanning Distance

Answer: C

QUESTION NO: 3

In order to support the international requirements, Motorola Solutions cradle kits normally contain 3 components. Which of the following items is NOT included with a 4-Slot Charge Only Cradle Kit?

A. AC line cord
B. DC line cord
C. Power supply
D. Charge Only Cradle

Answer: A

QUESTION NO: 4

In order to provide the best solution for your customer's data collection application you will need to understand the Decode Zone of the potential scanners that are part of the mobile computers that you will be evaluating. The Decode Zone defines the working range of the scanner when scanning bar codes. Which of the following are variables in determining the Decode Zone of a linear scanner (select THREE)?

A. The length of the bar code
B. The bar code's X Dimension
C. The length of the host cable
D. The bar code's Y Dimension
E. The distance of the bar code from the scanner
F. The type of characters being scanned (numeric or alpha)

Answer: A,B,E

QUESTION NO: 5

You are evaluating the possible scanning options for a conveyor system and want to scan packages that will be moving past the users. The packages will be labeled with 20 Mil Code 39 barcodes and your users will be holding an MC9190-G with an SE4600 Long Range Imager inside. Your concern is that the users will potentially be too close to the conveyor to successfully scan the packages. What is the minimum distance that you would recommend they stand away from the bar codes being used to successfully scan them using this mobile computer?

Please reference the Technical Specifications exhibit at the bottom.

A. No limit if the bar code fits into the field of view
B. 1.4 in (3.56 cm)
C. 5.0 in (12.70 cm)
D. 8.0 in (20.3 cm)

Answer: D

QUESTION NO: 6

Your customer has selected a MC9190-G with a SE4500-SR scan engine. They are now asking you what the maximum distance they can expect to scan 13 Mil standard UPC-A barcodes. Which of the following would be your response?

Please reference the Technical Specifications exhibit at the bottom.

A. 6.8 in (17.27 cm)
B. 12.0 in (30.48 cm)
C. 15.5 in (39.37cm)
D. 27.0 in (68.58 cm)

Answer: C

QUESTION NO: 7

A client needs a mobile device solution that requires the following:

- GSM and/or CDMA WWAN
- Small Form Factor
- Consumer Style Device
- Occasional Barcode and Photo Capture

What would be the best mobile device selection from the mobile device portfolio?

A. ET1
B. ES400
C. MC75A
D. MC3190
E. MC9090G

Answer: B

QUESTION NO: 8

Which of the following devices have been designed to support multiple users in an enterprise environment that also requires media rich applications and data collection?

A. MC2100
B. MC75A
C. MC9090G
D. ES400
E. ET1

Answer: E

QUESTION NO: 9

Your customer wants you to propose the proper mobile computer for use in their warehouse. Their application will require them to scan hundreds of items per hour into their host system via a wireless network. Which of the following mobile computers would be best positioned for this scan intensive activity within the workplace (select TWO)?

A. ES400
B. MC75
C. MC9500
D. MC3190-G
E. MC9190-G

Answer: D,E

QUESTION NO: 10

Your customer has over 100 employees in their warehouse with operations 24/7. Because of the volume of business they would like to use a voice recognition application to optimize their operations. Which of the following environmental types require a specialized headset like the RCH5O for a voice recognition application (select TWO)?

A. Noisy
B. Rough
C. Quiet
D. Clean

Answer: A,B

QUESTION NO: 11

You have been tasked with identifying a target market for the Motorola Solutions MC3100 product family. Which of the following target markets would be the most appropriate for the MC3100 product?

A. Government
B. Retail
C. Field Service
D. Healthcare

Answer: B

QUESTION NO: 12

RhoElements is an important component in Motorola's overall software strategy to help customers and partners build outstanding applications that are not tied to specific devices, operating systems, or platforms. RhoElements is a hybrid framework that enables multiple Operating Systems to support what type of applications?

A. HTML 5
B. OPOS
C. PERL
D. Pascal

Answer: A

QUESTION NO: 13

Most Motorola mobile computers have the ability to run Push to Talk (PTT) applications. Which of the following statements about PTT functionality is true?

A. PTT can run on any IP enabled network.
B. PTT can only run on a proprietary carriers network.
C. PTT can only run on a Wide Area Network (WAN).
D. PTT can only run on a Wireless Local Area Network (WLAN).

Answer: A

QUESTION NO: 14

A department store would like to improve upon customer service through the use of voice communications. They just installed a state-of-the-art Motorola wireless system to handle all indoor WLAN traffic and would like their employees to have the power of voice (WLAN/WWAN) and data collection applications to do various tasks. They do not want a bulky, expensive device for this solution. Which of the following mobile devices would you recommend to this customer?

A. MC3100
B. LS7000-1L6
C. MC35
D. MC9190-G
E. MC75A

Answer: E

QUESTION NO: 15

Which of the following mobile computers can operate in a freezer environment with a temperature of -20C/-4F for more than 2 hours, without special freezer accessories?

A. WT4090
B. MC3090/3190
C. MC9090/9190
D. VC5090

Answer: D

QUESTION NO: 16

Which of the following has a drop specification of 6 ft (1.8 meters), to concrete across all operating temperatures?

A. MC3190-G

B. MC5590
C. MC75A
D. MC9190-G

Answer: D

QUESTION NO: 17

Which of the following Motorola Solutions products come with Wavelink Terminal Emulation prelicensed and pre-loaded (select TWO)?

A. MC2180
B. MC9190G
C. MC65
D. ET1
E. WT4090

Answer: B,E

QUESTION NO: 18

It is important for a project manager to set the proper expectations when it comes to sparing and consumables for a Mobile computing project. What is the typical number of full charge/discharge cycles for a LiON battery before it starts to noticeably lose capacity?

A. 10,000
B. 1,000
C. 500
D. 100

Answer: C

QUESTION NO: 19

Motorola Solutions Mobile Computers that have both the Stone Street Bluetooth stack as well as the Microsoft Bluetooth stack installed can be defaulted to select one over the other. How do you

control which one is enabled?

A. Edit the registry.
B. Change the shortcut in the start up.
C. Select the program from the installed applications.
D. You cannot enable one over the other. You must select the Bluetooth stack after every cold boot.

Answer: A

QUESTION NO: 20

Which of the following frequencies is used by the Bluetooth protocol for short range communications?

A. 870 MHz
B. 912 MHz
C. 2.4 GHz
D. 5.1 GHz

Answer: C

QUESTION NO: 21

When Proxy ARP is enabled on the WLAN infrastructure, ARP messages originating from the wired network are:

A. Never sent to the mobile devices,
B. Always sent to the mobile device.
C. Sent upon initial power-up of the mobile device.
D. Sent when the mobile device sends request to the wireless switch.

Answer: A

QUESTION NO: 22

Which of the following WLAN frequency bands is supported on Motorola Mobile Computers (select TWO)?

A. 2.4 GHz
B. 3.6 GHz
C. 5 GHz
D. 9 GHz

Answer: A,C

QUESTION NO: 23

Your customer's mobile computers are experiencing poor performance due to Broadcast and Multicast traffic coming from the wired LAN. Which of the following will reduce the amount of Broadcast and Multicast traffic on the Wireless LAN?

A. Implement a VLAN that only supports the wireless traffic.
B. Implement 802.ip prioritization on the wired network.
C. Change the antenna types to directional if they are Omni.
D. Decrease the transmit power on the Access Points.

Answer: A

QUESTION NO: 24

Which of the following 802.11 wireless supplicants are available and supported on Motorola Solutions Mobile Computers (select TWO)?

A. Aegis
B. Fusion
C. Odyssey
D. Windows Zero Configuration

Answer: B,D

QUESTION NO: 25

Which of the following WAN technologies uses a Subscriber Identification Module (select TWO)?

A. CDMA
B. GPRS
C. EvDO
D. HSDPA

Answer: B,D

QUESTION NO: 26

Motorola's Interactive Sensor Technology (1ST) is unique technology which leverages an integrated 3-axis Micro electromechanical System (MEMS) to improve the user experience by enabling a significant number of different features. Which of the following features is NOT considered one of the features enabled by Motorola's 1ST technology?

A. Dynamic screen orientation
B. Global Positioning
C. Keep Alive on Motion
D. Power Save on Face Down
E. Wake Up on Motion

Answer: B

QUESTION NO: 27

Mobility Platform Architecture (MPA) is a unique Motorola Platform ideology that is used within many of the mobile computers within Motorola Solutions Mobile Device Portfolio. Which of the following are considered typical technical design requirements within the Mobility Platform Architecture (select TWO)?

A. WLAN 802.11 MIMO Integration
B. Application portability across multiple form factors through common OS and APIs
C. Integrated, portable Platform security support across multiple processors
D. Consistent interfaces that support rapid deployment and scalable support

Answer: B,D

QUESTION NO: 28

Synchronization refers to the management of information between mobile computers and a host computer. Which of the following synchronization applications is used when the host computer is running Windows Vista or Windows 7?

A. ActiveSync
B. Windows Mobile Device Center (WMDC)
C. Sync
D. MobileMe
E. Syncdroid

Answer: B

QUESTION NO: 29

Which of the following Remote Desktop Protocol (RDP) clients would not use Registry to save/read client settings?

A. CE5.0
B. CE6.0R3
C. WM6.1
D. WM6.5

Answer: A

QUESTION NO: 30

The Bootloader application can be used to perform which of the following activities?

A. Reset the mobile computer
B. Install mobile computer firmware
C. Change user configuration information
D. Perform synchronization between the mobile computer and a host computer

Answer: B

QUESTION NO: 31

When in landscape mode, what is the x, y pixel resolution of a QVGA display?

A. 320x240
B. 320 x 320
C. 240x320
D. 640x480

Answer: A

QUESTION NO: 32

RegMerge.dll is an application that is used to make registry edits to the Windows CE registry. On Windows CE mobile devices RegMerge is run by default after which of the following events?

A. Clean boot
B. Cold boot
C. Warm boot

Answer: B

QUESTION NO: 33

Motorola Enterprise Mobility Configuration Tools (EMCTs) are comprehensive tools designed to assist in staging, provisioning, and troubleshooting, as well as improving the user experience with Motorola Mobile Devices. Which of the following are Motorola EMCTs Tools (select THREE)?

A. StartupCtl
B. PowerTest
C. RemCapture
D. CtlPanelWM
E. Spread Spectrum Analyzer

Answer: A,C,D

QUESTION NO: 34

You have been asked to determine the version of the installed image on a Motorola Mobile Computer.

Which of the following describe the applet and process used to verify the BSP version of a Motorola Windows Mobile Computer?

A. Settings/System/About
B. Settings/System/System Info
C. Settings/System/Phone Info
D. Settings/Personal/Owner Information

Answer: B

QUESTION NO: 35

The IP Code (or Ingress Protection Rating) consists of the letters IP followed by two digits, as defined in international standard. Which of the following define the x and y digits in an IP x, y code?

A. x=solid, y=liquid
B. x=liquid, y=solid
C. x=liquid, y=drop
D. x=drop, y=liquid

Answer: A

QUESTION NO: 36

You remove a live voice and data SIM card from your ES400 and place it into a factory fresh MC75A6 terminal. The phone icon has two bars which allows you to tap on the green phone key and make a test phone call with no problems. You then launch Internet Explorer but cannot