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Exam : **000-297**

Title : IBM Websphere mq v5.3 solution Development

Version : DEMO

1.Which of the following C language data types are NOT directly supported by the WebSphere MQ data conversion exit generation facility?

A.char

B.float

C.long

D.short

E.double

Correct:B E

2.Which of the following JMS objects can be defined using the WebSphere MQ JMS Admin tool?

A.MQJNDIConnectionFactory

B.MQQueue

C.MQTopic

D.MQXAQueueConnectionFactory

E.JMSWrapMQQueue

F.MQCOSConnectionFactory

Correct:B C D

3.Which of the following is NOT true regarding WebSphere MQ API Exits?

A.API Exits run on z/OS.

B.API Exits must be written in C.

C.API Exits are called before and after each MQI verb.

D.MQI calls can be made within an API Exit.

Correct:A

4.Which of the following conditions can cause a WebSphere MQ event message to be generated?

A.MQPUT call fails because the queue is inhibited for put.

B.MQINQ call is performed to get the current queue depth.

C.MQGET fails because the queue is not open for input.

D.MQPUT fails because the message is too big for the queue.

E.MQPUT causes the queue to become full.

Correct:A E

5.An application running on WebSphere MQ for Linux has a requirement to collect a list of all queues on its local queue manager. Which of the following verbs is used to send the request using the MQAI?

A.MQSendPCF

B.MQExecute

C.MQINQ

D.MQSendAI

Correct:B

6.When using WebSphere MQ with Microsoft Transaction Server (MTS), which of the following is NOT true?

A.WebSphere MQ can work in the Microsoft Transaction Server (MTS) environment, and MQI connection handles can be pooled for efficiency.

B.WebSphere MQ can work in the Microsoft Transaction Server (MTS) environment, but only supports a single phase commit by Microsoft DTC.

C.Handles in the pool will only be re-allocated to a client with the same user id.

D.A Microsoft Transaction Server (MTS) application which calls WebSphere MQ can also run under Microsoft COM+ unchanged.

Correct:B

7.Which of the following statements about programming languages supported by WebSphere MQ is true?

A.WebSphere MQ applications cannot be written in Visual Basic.

B.On Compaq NSK, WebSphere MQ applications must be written in TAL.

C.On iSeries, RPG programmers cannot use WebSphere MQ facilities.

D.COBOL can be used to program WebSphere MQ applications on Windows 2000.

Correct:D

8.In a new application to be created on WebSphere MQ for z/OS V5.3, which of the following design criteria will be inconsistent with the use of queue-sharing groups?

A.All messages are between 16K and 32K in length.

B.The queues must contain persistent and non-persistent messages.

C.Reply queues must be temporary dynamic queues.

D.Each message depends on the contents of the previous one.

E.The SYSTEM.DEFAULT.LOCAL.QUEUE must be redefined as shared.

Correct:C D

9.A WebSphere MQ for Linux for Intel application exchanges large XML messages with a WebSphere MQ for Sun Solaris application. To send these messages using message segmentation, which of the following MUST the sending application perform?

A.Issue the MQPUT with MQMF_GROUPING_ALLOWED set in the MsgFlags of the message descriptor.

B.Issue the MQPUT with MQMF_SEGMENTATION_ALLOWED set in the MsgFlags of the message descriptor.

C.Issue the MQPUT with MQPMO_NO_SYNCPOINT in the put message options.

D.This cannot be performed by the sending application.

Correct:B

10.A solution design requires that JPEG binary images up to five megabytes in length be distributed by applications running on several platforms. Which of the following is in conflict with this design requirement?

A.MQSeries for Compaq NonStop Kernel

B.MQSeries for OS/2 Warp

C.WebSphere MQ for Linux for zSeries

D.WebSphere MQ for Windows

Correct:A

11.A central UNIX application is being developed to provide responses to requests from users located at branch offices. Each branch office has its own request queue on the central UNIX server. There are 20 branch offices. The central UNIX application runs as a single process using a separate thread for each request queue. Which of the following statements is true about the implementation of each thread?

A.The connection handle can be shared by using MQCONNX to connect to the queue manager.

B.Threads cannot connect to the queue manager by using MQCONN.

C.The WebSphere MQ implementation is not dependent on the POSIX thread level.

D.MQCMIT calls must be issued by the parent thread.

Correct:A

12.In the design of a suite of WebSphere MQ message applications to be run on multiple machines, when is data conversion LEAST likely to be needed?

A.When the solution will be deployed in a single country

B.When the applications will use existing channels and the MQMD Format specifies MQFMT_STRING

C.When the messages are being sent between two applications on the same system

D.When a web browser is front-ending the WebSphere MQ applications

Correct:C

13.Which of the following MQI calls is used to start a Queue Manager coordinated global unit of work?

A.MQSTART

B.MQSTRTTP

C.MQBEGIN

D.MQSTTRAN

Correct:C

14.A WebSphere MQ application A sends a message to WebSphere MQ application B using the following settings: mqput: syncpoint, non-persistent, expiry =10 seconds, format=MQFMT_STRING Application A then waits for the reply message from application B using the following settings: mqget: syncpoint, wait interval =10 seconds, any CorrelId Any messages received which do not correspond with the outstanding request are discarded. On receipt of the expected reply, application A commits its messaging work. If the average length of time that application B takes to process the request is five seconds, which of the following behaviors will application A exhibit?

A.Reply messages will never be received.

B.Reply messages will occasionally fail to be received.

C.Messages will occasionally be received in the wrong code page.

D.Application A may occasionally cause performance problems in the application B.

Correct:A

15.Which of the following statements describes the behavior of WebSphere MQ when a message arrives that is larger than the buffer specified by the application on the MQGET call if the application specified MQGMO_ACCEPT_TRUNCATED_MSG?

A.The message is not removed from the queue. WebSphere MQ terminates the application abnormally and writes a message to the system operator.

B.The message is removed from the queue and is copied in its entirety to the application's buffer. WebSphere MQ returns to the application with a completion code of MQCC_WARNING to warn the application that it may have written past the end of its buffer. The reason is set to MQRC_TRUNCATED_MSG_ACCEPTED.

C.The message is removed from the queue, and as much of it is copied to the application's buffer as will fit. WebSphere MQ returns to the application with a completion code of MQCC_WARNING and a reason of MQRC_TRUNCATED_MSG_ACCEPTED.

D.The message is not removed from the queue, but as much of it is copied to the application's buffer as will fit. WebSphere MQ returns to the application with a return code of MQCC_WARNING and a reason of MQRC_TRUNCATED_MSG_FAILED.

Correct:C

16.Which of the following WebSphere MQ manuals describes the WebSphere MQ sample programs?

A.Application Programming Guide

B.Planning Guide

C.Application Programming Reference

D.System Administration Guide

Correct:A

17.The following C statement performs a WebSphere MQ operation: MQPUT1(Hcon, &odR, &md, &pmo, buflen, buffer, &CompCode, &Reason) Which of the following statements is true?

A.Hcon contains the name of the queue manager.

B.The structure for the variable md is contained in the cmqmsg.h header file.

C.The buflen variable specifies how many bytes from the buffer variable are to be sent in the message.

D.This call is suitable for use in applications that send many messages to the same queue.

Correct:C

18.In which of the following languages can a cluster workload exit be written?

A.COBOL

B.C

C.PL/1

D.System/390 ?assembler (WebSphere MQ for z/OS)

E.RPG

Correct:B D

19.Which of the following steps are required to enable an application to be triggered?

A.Define appropriate trigger attributes for the triggered queue.

B.Define a Process object which specifies the application to be triggered.

C.Define the application to be triggered.

D.Start the appropriate trigger server.

E.Start the appropriate trigger monitor.

F.Modify the trigger monitor to activate this application.

Correct:A B E

20.Which of the following steps will allow a WebSphere MQ for AIX application (running as username user1) to open a queue using the authority defined for a different user (user2)?

A.Granting alternate user authority to user1

B.Making user2 a member of the mqm group

C.Setting the AlternateUserid field of the object descriptor to user2

D.Setting the environment variable MQ_ALTERNATE_USERID to user2

E.Setting the AUTHOREV attribute of the queue manager object to ENABLED

Correct:A C