WebSphere MQ - System Administration Training Outline

1 MQ Introduction
2 MQ Installation and unistallation on Windows.
3 MQ Competitors(oracle fusion)
4 MQ objects.
5 MQI Calls.
6 Commands to verify MQ Installed or not.
7 MQ Vesion Details.
8 Discussion on Control,runmqsc,PCF Commands
9 DQM ,distributed,Point-point...
10 Qmgr Processess
11 Shotcuts to runmqsc Commands...
12 runmqsc Commands...(alter,define,dis,.....)
13 shotcut commands to trobule shoot.
14 Queue manager control commands(create,start,runmqsc,dspmqver,dspmq)
15 sample applicatipns prgms(amqsput,amqsget,amqsbcg)
16 Reason Code(MQRC <code>)
17 Commonly Used commands in Runmqsc for easy task.
18 Multi Hopping(Hub-through) and the QMGR Alias
19 Diff ways of Ending the Qmgr.
20 Different Status when the QMGR is ended
21 Deleting the Queue managers
22 killing the Process if an process is running
23 Command Server
24 How to start the Explorer using the cmd prompt
25 Different States of the Channel
26 Control commands for the Listener
27 Starting the Channel through Control Command Prompt
28 Command to Keep the channel in inactive
29 Channel Retrying Reasons
30 Qmgr LEvel error Logs
31 MQSeries Level ERRORS(S/W Level Errors)
32 PMR(Problem Management Record)
33 Messages types(Persistance,Non-persistance)
34 why Triggering
35 Types of Triggering
36 Channel Triggering
37 Application Triggering
38 Client triggering
39 Why Dead Letter Queue(Back up Queue)?
40 HOw to Define DLQ
41 Finding the Reason for the message coming to DLQ
42 mo01 Support PAC
43 DLQ Handler
44 Dead Letter Queue Scenarios:
45 Security two types.
46 APPlication Level Security(Authorizations)
47 Link Level Security(SSL Secure Socket Layer)
48 Reasons why we go for C/S Architecture
49 CLIENT-SERVER ARCHITECTURE
50 Sequence Number Mistach
51 Channel IndoubtState:
52 Transaction Logs or Logging Methods

53 Circular Logging
54 Linear logging
55 Cold Start Procedure:
56 SYNCPOINT
57 What are the major difference in MQV6 and MQV7 and MQV8
58 Explain some MQ error codes : MQRC 2035 , MQRC 2085, MQRC 2053, MQRC 2009, MQRC 2059.
59 Support Packs(ms03 ,mo01,mo03)
60 Upgradation/Migration of MQ 7 to 8.
61 Migration of MQ from one sever to other.
62 Taking the MQ Backup using Ms03(Objects Backup).
63 Taking the File system Backup.
64 Clusters
65 WLB(Work Load Balancing) in Clusters
66 HOW TO REMOVE THE QMGR TEMPORELY FROM THE CLUSTER
67 HOW TO RESUME THE QMGR IN TO THE CLUSTER WHICH WAS ALREADY SUSPENDED
68 REMOVING THE QMGR PERMANENTLY FROM THE CLUSTER
69 LINUX COMMANDS
70 INSTALLATION OF MQ IN LINUX
71 Configuration files of MQ both in Linux and Windows ,AIX.
72 What is the Difference b/w mqs.ini and qm.ini files
73 Installing and Un-installing MQ on Linux
74 Installating of MQ on AIX
75 Un-installing MQ on AIX
77 Introduction to PUB/SUB
78 Multi Instance Queue manager
79 Qmodel Examples(Dynamic Queues)
80 CHLAUTH without the use of Blockip2(as per 7.5)
81 MQ version releases with dates.

82 Ticketing Tools.

83 Incident management ,Pbroblem management ,Changemanagement(IPC).