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1. Print these pages.
2. Answer the questions.
3. Send this assessment with the answers via:
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Or

- b. Mail the answers to the following address:

**SYS-ED
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Multiple Choice Questions:

QNO	Question	Answer
1.	<p>Which all the following is not a decision for the systems designer:</p> <ul style="list-style-type: none"> a. Planning for user testing. b. Capacity vs. costs. c. Recovery vs. performance. d. DSA size. e. Screen layout 	
2.	<p>Which of the following are tasks performed by the system designer.</p> <ul style="list-style-type: none"> a. Planning for user testing. b. Procedures for phasing in the application. c. Establishing a user interface. d. All of the above. e. None of the above. 	
3.	<p>What is a system element?</p> <ul style="list-style-type: none"> a. The system's element consists of procedures. b. The system's element is the functional modules. c. All the system's tables that are created by the system programmer. d. A table all the screens and maps used in the system. e. The major portion of the testing phase. 	
4.	<p>What is the purpose of the FCT?</p> <ul style="list-style-type: none"> a. Keep track of all the programs within CICS and their associated transaction IDs. b. The FCT is a list all the Journal logs supported by CICS. c. FCT contains a list of all the files use within the CICS region. d. All of the above. e. None of the above. 	
5.	<p>The DCT is used to determine the characteristics of:</p> <ul style="list-style-type: none"> a. Population density b. Intrapartition data queue c. Maximum number of terminals supported by the region d. Domain support e. None of the above. 	
6.	<p>There are a number of differences between batch and on-line systems. Which of the following is not a difference:</p> <ul style="list-style-type: none"> a. Predictable load on the system b. Recovery issues c. Testing d. Batch programs can be written in COBOL. ALC is the only language where one can code CICS programs. e. Batch often uses tape files; CICS rarely uses tapes. 	

QNO	Question	Answer
7.	<p>This CICS partition is divided into three basic components. Which of the following is not one of the components?</p> <ul style="list-style-type: none"> a. CICS nucleus. b. CICS dynamic storage area. c. Operating systems storage. d. Terminal component systems area. e. No correct answer. 	
8.	<p>The load macro is used:</p> <ul style="list-style-type: none"> a. to load a table into memory. b. to load a special purpose handling routine. c. to load the operating system for use. d. to load the CICS nucleus. e. None of the above. 	
9.	<p>The dynamic transaction backout will occur:</p> <ul style="list-style-type: none"> a. Before a transaction starts. b. During a transaction when an error occurs. c. After a transaction has completed. d. None of the above. e. At system startup 	
10.	<p>One of the major functions of file management is an automatic journal. The automatic journal will generate:</p> <ul style="list-style-type: none"> a. Before and after images. b. Journal records of changes to programs. c. Updates and that have occurred to the system's tables. d. All of the above e. None of the above. 	
11.	<p>By using temporary storage management, a program that can store data:</p> <ul style="list-style-type: none"> a. For the entire duration of CICS. b. For the duration of the application program. c. Until the program specifies that the temporary storage is to be released. d. All of the above. e. None of the above. 	
12.	<p>When designing a CICS online system, if there is a need for submitting batch jobs, one would use the following:</p> <ul style="list-style-type: none"> a. Temporary data management. b. VSAM KSDS. c. Extratransient data queue. d. A card reader e. An ATI on an intrapartition queue 	
13.	<p>What is the task dispatching priority:</p> <ul style="list-style-type: none"> a. The priority that each users keyboard has b. Priority of the system in relation to the CICS region c. Transaction priority + Terminal priority + operator priority d. All of the above e. None of the above 	

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14.	<p>The difference between a LINK and a XCTL is:</p> <ul style="list-style-type: none"> a. The LINK is always more efficient than the XCTL. b. LINK returns to the calling program and XCTL will not. c. The LINK is not available in the current CICS version. d. Link cannot pass values to a subroutine. e. None of the above. 	
15.	<p>What is the primary measure of on-line systems performance:</p> <ul style="list-style-type: none"> a. Recoverability b. Response time c. Accuracy d. Integrity e. Memory Usage 	
16.	<p>Why does the storage used by tasks in a CICS system have to be reclaimed when the tasks terminates.</p> <ul style="list-style-type: none"> a. To provide additional memory for batch jobs. b. To divide each user with memory to processing programs. c. If tasks of short duration is storage were not reclaim after every use the subsequent tasks in the system would run out of storage after a short time. d. All of the above. e. None of the above. 	
17.	<p>What are the two major areas of CICS Task Control.</p> <ul style="list-style-type: none"> a. Task Control Area, Debugging pool b. Dispatcher, Application Request Processor c. TCTIO, System Requestor d. LPC, Device I/O e. None of the above 	
18.	<p>What is meant by enqueueing?</p> <ul style="list-style-type: none"> a. It is a technique for reserving a resource and that resource is held exclusively for a specific task. b. Placing a user into a queue. c. Reserving an entire region for one user. d. Connecting to a personal-computer network. e. None of the above. 	
19.	<p>The name of the library that contains any programs that are to be used during CICS execution is.</p> <ul style="list-style-type: none"> a. CICS System Library (CSL). b. The CICS Repository. c. Sub directories. d. Relocateable Program Library. e. None of the above. 	

QNO	Question	Answer
20.	<p>What is a resident application program:</p> <ul style="list-style-type: none"> a. A program that is not normally released from storage during execution. b. A program that is lost in the computer. c. A program that is not in the RPL. d. All of the application programs. e. None of the above. 	
21.	<p>How is a file made a protected resource:</p> <ul style="list-style-type: none"> a. By locking the file. b. By requesting protection status in the files FCT entry. c. By deleting the file. d. Providing a file password for the file. e. None of the above. 	
22.	<p>How can unusual conditions be handled in CICS.</p> <ul style="list-style-type: none"> a. By writing an ALC exception handling routine. b. With the RESP clause or HANDLE instructions. c. Calling the CICS Error Handler. d. Via a call back routine. e. None of the above. 	
23.	<p>Under VSAM and CICS, what is the smallest amount that can be locked?</p> <ul style="list-style-type: none"> a. CI b. CA c. Record d. Byte e. File Catalog 	
24.	<p>What can be done to avoid a deadly embrace?</p> <ul style="list-style-type: none"> a. Make sure each statement has an error handling routine. b. All programs that update multiple files should perform their updates in a prescribed file sequence. c. Each program should detect a deadly embrace and process it d. Use a third party package. e. Operators should monitor for deadly embrace and purge the appropriate tasks 	
25.	<p>What is the program use count?</p> <ul style="list-style-type: none"> a. A counter of current program usage kept by CICS in the PPT. b. A counter of program use stored in each individual program. c. The number of files access made by a program. d. Programs can only be refreshed(NEWCOPY) when this count is greater than zero. e. None of the above. 	
26.	<p>What is COMMAREA?</p> <ul style="list-style-type: none"> a. A communication area for a terminal. b. An area for an individual program to store all temporary flags. c. An area used to pass information between programs. d. A communication area for processing data between CPUs. e. None of the above. 	

QNO	Question	Answer
27.	<p>How often does a VSAM file that is never updated have to be reorganized?</p> <ul style="list-style-type: none">a. Daily.b. Depending on free space.c. Depending on the types of CICS statement that are processing the file.d. None of the abovee. B & C	
28.	<p>What is a symbolic map?</p> <ul style="list-style-type: none">a. A link edit map.b. A map of all the entry points in the CICS region.c. A copybook member that is included into the source. It contains code defining the fields on the map.d. The load module that is load into the CICS region when a program send a map.e. None of the above.	
29.	<p>What type of field do we want to avoid naming in a map?</p> <ul style="list-style-type: none">a. Fields that would not be referenced in the program.b. Fields that would make the program to complicated.c. Numeric fields.d. Fields that would be referenced in the program.e. None of the above.	
30.	<p>When designing a screen, the error messages should appear:</p> <ul style="list-style-type: none">a. Wherever the user wants.b. In a consistent place on the screen.c. On the upper right hand corner of the screen.d. Messages should not appear on the screen.; Just BEEP when an error occurs.e. None of the above.	

TRUE/FALSE Questions:

QNO	Question	Answer
31.	A mapset can contain only one map. a. TRUE b. FALSE	
32.	The output of the CICS translator is modified source code and a file with all the CICS commands in an internal CICS format. a. TRUE b. FALSE	
33.	Screen design does not have a significant effect on the success or failure of an online system. a. TRUE b. FALSE	
34.	The designer of the screen only have to concerns themselves with a good screen layout. a. TRUE b. FALSE	
35.	Part of the system designers job is to minimize transmission costs. a. TRUE b. FALSE	
36.	The screen design does not require a test plan. a. TRUE b. FALSE	
37.	When possible, put as many small pieces of information on a single screen. a. TRUE b. FALSE	
38.	Design systems for keyed access using BDAM type data sets. a. TRUE b. FALSE	
39.	The designer does not have to be concerned with recovery. It is automatically handled by CICS. a. TRUE b. FALSE	
40.	There are transactions that can be initiated at system startup by the application program. a. TRUE b. FALSE	
41.	The PLTPI is used to initiated transaction when the CICS region is terminated. a. TRUE b. FALSE	

QNO	Question	Answer
42.	When search for large amounts of data, keep the keyboard locked up. a. TRUE b. FALSE	
43.	BMS page building is a high performance screen generator. a. TRUE b. FALSE	
44.	Testing online systems is similar to testing batch systems. a. TRUE b. FALSE	
45.	When designing VSAM files, make sure to use as many indexes as possible. This would allow all searches to be as fast as possible. a. TRUE b. FALSE	
46.	Always uses a VSAM KSDS when using VSAM files. a. TRUE b. FALSE	
47.	The number of buffers for VSAM file are very important and can be controlled via a typical application program. a. TRUE b. FALSE	
48.	The design of any online system is directly related to the imagination of the designer. a. TRUE b. FALSE	
49.	A task element consists of one logic element. a. TRUE b. FALSE	
50.	To determine the cost of job, one should account for testing of the job. a. TRUE b. FALSE	