* **Question 1**

4 out of 5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Write a JCL Data Definition statement with the following characteristics.  1) The ddname is INPUT1.  2) The dataset name is KC03D11.TEST2.DATA.  3) You can share the dataset with other users.  Notes:  1) Where necessary use only one blank between fields.  2) Remember JCL must be uppercase. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | //INPUT1 DD DISP=SHR;DSN=KC03D11.TEST2.DATA | |  |  |  |

* **Question 2**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | What does the acronym SPOOL stand for? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | simultaneous peripheral operations online | |  |  |  |

* **Question 3**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is not performed by an initiator? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Accepts jobs in the form of an input stream from input devices or other programs. | | Answers: | Ensure that multiple jobs do not conflict with each other in data set usage. | |  | Accepts jobs in the form of an input stream from input devices or other programs. | |  | Find the executable programs requested for the job. | |  | Clean up after the job ends and then request the next job. | |  |  |  |

* **Question 4**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | JES handles the following aspects of batch processing for z/OS: (check all that apply) |  |  |  |
| |  |  | | --- | --- | | Selected Answers: | Receiving jobs into the operating system | |  | Scheduling jobs for processing by z/OS. | |  | Controlling job output processing. | | Answers: | Receiving jobs into the operating system | |  | Executing programs. | |  | Scheduling jobs for processing by z/OS. | |  | Controlling job output processing. | |  | Billing for use of computing resources. | |  |  |  |

* **Question 5**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Parallel (or bus and tag) channels have been replaced by \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_ channels. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | ESCON, FICON | | Answers: | ESCON, FICON | |  | DASD, VSAM | |  | TSO, ISPF | |  | SCSI, RAID | |  |  |  |

* **Question 6**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Shared DASD refers to the ability to \_\_\_\_\_\_\_\_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | allow two LPARs or two separate systems to share disks. | | Answers: | allow two processors to work on the same job simultaneously. | |  | divide the workload as it arrives and assign different jobs to different LPARs. | |  | remove a disk and transport it to a distant system. | |  | allow two LPARs or two separate systems to share disks. | |  |  |  |

* **Question 7**

6 out of 6 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Place the following phases a job moves through in order of processing: |  |  |  |
| |  |  | | --- | --- | | Answers | Selected Answer | | Purge | 1.  Input | | Conversion | 2.  Conversion | | Input | 3.  Processing | | Output | 4.  Output | | Print/Punch | 5.  Print/Punch | | Processing | 6.  Purge | |  |  |  |

* **Question 8**

2 out of 4 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Order the steps necessary to be able to execute a source program on z/OS. |  |  |  |
| |  |  | | --- | --- | | Answers | Selected Answer | | Compile the source code, yielding an object module. | 1.  Load the load module into central storage. | | Optionally run the source through the precompiler. | 2.  Compile the source code, yielding an object module. | | Load the load module into central storage. | 3.  Link-edit the object module into a load module. | | Link-edit the object module into a load module. | 4.  Optionally run the source through the precompiler. | |  |  |  |

* **Question 9**

0 out of 4 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Place the following programming languages in order from 1st to 4th generation. |  |  |  |
| |  |  | | --- | --- | | Answers | Selected Answer | | COBOL | 1.  machine language | | machine language | 2.  assembler | | SQL | 3.  COBOL | | assembler | 3.  SQL | |  |  |  |

* **Question 10**

4 out of 5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Write a JCL Job statement with the following characteristics.  1) The jobname is MYJOB  2) The account number is 10.  3) The programmer name is Programmer One (mixed case)  4) notify the user that submits the job.  Notes:  1) Where necessary use only one blank between fields.  2) Remember JCL must be uppercase. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | //MYJOB JOB 10,'Progammer One',NOTIFY=&SYSVID | |  |  |  |

* **Question 11**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Mainframe auxiliary storage is tightly coupled with the processor itself, whereas mainframe central storage is located on (comparatively) slower, external disk and tape drives. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | False | | Answers: | True | |  | False | |  |  |  |

* **Question 12**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A control block is a hardware component that plays a role in communication of data between the CPU and external devices. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | False | | Answers: | True | |  | False | |  |  |  |

* **Question 13**

5 out of 5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Write a JCL Execute statement with the following characteristics.  1) The stepname is STEP1.  2) The program to execute is IEBGENER.  Notes:  1) Where necessary use only one blank between fields.  2) Remember JCL must be uppercase. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | //STEP1 EXEC PGM=IEBGENER | |  |  |  |

* **Question 14**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Batch processing is the running of jobs on the mainframe without user interaction. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | True | | Answers: | True | |  | False | |  |  |  |

* **Question 15**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The ISPF Edit 'dd/dd' line command is used to delete a block of lines from a dataset. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | True | | Answers: | True | |  | False | |  |  |  |

* **Question 16**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | z/OS uses the term 'data set' instead of the more common term \_\_\_\_\_\_\_\_\_\_\_ . |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | file | | Answers: | modem | |  | record | |  | file | |  | result set | |  |  |  |

* **Question 17**

9 out of 9 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Match each programming language with the best description. |  |  |  |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | Question | Selected Match | | COBOL | B.  Widely used to develop business-oriented applications. | | Assembler | I.  A symbolic, machine-dependent language. | | C | D.  An older higher-level language suitable for writing system-level code. | | Java | E.  An object-oriented language developed by Sun Microsystems Inc. | | REXX | A.  A scripting language used mostly on the mainframe, but available on other platforms. May be compiled or interpreted. | | Machine language | H.  A language where statements are coded as numeric sequences. | | CLIST | G.  A purely interpreted language often consisting of sequences of TSO commands. | | PL/I | C.  A full-function, general-purpose, compiled HLL suitable for development of commercial and engineering/scientific applications among others. | | C++ | F.  An object-oriented language with strong syntax connections to an earlier HLL that was often used for system-level programming. |  |  | | --- | | All Answer Choices | | A.  A scripting language used mostly on the mainframe, but available on other platforms. May be compiled or interpreted. | | B.  Widely used to develop business-oriented applications. | | C.  A full-function, general-purpose, compiled HLL suitable for development of commercial and engineering/scientific applications among others. | | D.  An older higher-level language suitable for writing system-level code. | | E.  An object-oriented language developed by Sun Microsystems Inc. | | F.  An object-oriented language with strong syntax connections to an earlier HLL that was often used for system-level programming. | | G.  A purely interpreted language often consisting of sequences of TSO commands. | | H.  A language where statements are coded as numeric sequences. | | I.  A symbolic, machine-dependent language. | | |  |  |  |

* **Question 18**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_ interpreted language can also be compiled. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | REXX | |  |  |  |

* **Question 19**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | When developing an online application with requirements for fast response times and fast access to data which data file organization would be more approriate to use? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | VSAM | | Answers: | VSAM | |  | Basic Sequential | |  | PDS | |  | Queued Sequential | |  |  |  |

* **Question 20**

0 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Assume that the program MYPROG1 is run using the JCL below:  //jobname JOB 1 //STEP1 EXEC PGM=MYPROG1 //STEPLIB DD DSN=MY.PROGLIB,DISP=SHR //INPUT1 DD DSN=A.B.C,DISP=SHR //OUTPUT1 DD DSN=X.Y.Z,DISP=SHR  If the INPUT1 DD card were changed to use the data set A1.B1.C1, we would not be able to use the same program to process dataset A1.B1.C1. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | True | | Answers: | True | |  | False | |  |  |  |

* **Question 21**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is an interpreted language? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | CLIST | | Answers: | Cobol | |  | Java | |  | CLIST | |  | Assembler | |  |  |  |

* **Question 22**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the design decisions would not reduce the overall time line of an application developement project? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Using a compiled language instead of an interpreted language | | Answers: | Using a compiled language instead of an interpreted language | |  | Simplifying the project | |  | Enhancing the existing system instead of developing a new system | |  | Using a software package instead of developing a solution | |  |  |  |

* **Question 23**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is not performed during the design phase of the application development life cycle? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Revising source programs | | Answers: | High-level design | |  | Detailed design | |  | Revising source programs | |  | Hand-off to programmers | |  |  |  |

* **Question 24**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following reasons would online processing be preferred over batch processing? (multiple answers) |  |  |  |
| |  |  | | --- | --- | | Selected Answers: | User requires online access to data. | |  | User has high response time expectations. | | Answers: | Data is stored on tape. | |  | User requires online access to data. | |  | User has high response time expectations. | |  | Transactions are submitted for overnight processing. | |  |  |  |

* **Question 25**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The purpose for using a repository to manage source code is: |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | All of the above. | | Answers: | To provide change control. | |  | To privide a repository for re-usable source. | |  | To prevent multiple programmers from updating the same source at the same time and wiping out each other’s changes. | |  | All of the above. | |  |  |  |

* **Question 26**

7 out of 7 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Match each term with its definition. |  |  |  |
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | Question | Selected Match | | Checkpoints | C.  Allow a job step to be restarted later if it ends abnormally due to an error. | | SYSOUT | E.  All output produced by, or for, a job. | | Purge | G.  Spool space assigned to the job is released. making the space available to subsequent jobs. | | Batch job | B.  An example would be a program that reads a large file and generates a report. | | JES | D.  A collection of programs that handles the batch workload on z/OS. | | Spooling | A.  The process of reading and writing input and output streams on auxiliary storage devices, concurrently with job execution, in a format convenient for later processing or output operations. | | Initiator | F.  An integral part of z/OS that reads, interprets, and executes JCL. |  |  | | --- | | All Answer Choices | | A.  The process of reading and writing input and output streams on auxiliary storage devices, concurrently with job execution, in a format convenient for later processing or output operations. | | B.  An example would be a program that reads a large file and generates a report. | | C.  Allow a job step to be restarted later if it ends abnormally due to an error. | | D.  A collection of programs that handles the batch workload on z/OS. | | E.  All output produced by, or for, a job. | | F.  An integral part of z/OS that reads, interprets, and executes JCL. | | G.  Spool space assigned to the job is released. making the space available to subsequent jobs. | | |  |  |  |

* **Question 27**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | IMS and DB2 are both database management systems. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | True | | Answers: | True | |  | False | |  |  |  |

* **Question 28**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Many transaction managers and database managers exist, but their principles are the same. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | True | | Answers: | True | |  | False | |  |  |  |

* **Question 29**

7 out of 7 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Order the following phases of the application development life cycle in the order they are performed. |  |  |  |
| |  |  | | --- | --- | | Answers | Selected Answer | | Analysis | 1.  Gather requirements | | Maintenance | 2.  Analysis | | Gather requirements | 3.  Design | | System testing | 4.  Programmers code and test | | Going into production | 5.  System testing | | Programmers code and test | 6.  Going into production | | Design | 7.  Maintenance | |  |  |  |

* **Question 30**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | There are many ways to access the data in DB2 databases, one of which is SQL. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | True | | Answers: | True | |  | False | |  |  |  |

* **Question 31**

0 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | You use SQL to navigate within an IMS database. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | True | | Answers: | True | |  | False | |  |  |  |

* **Question 32**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A procedure library member contains part of the JCL for a given task - usually the variable, changing part of JCL. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | False | | Answers: | True | |  | False | |  |  |  |

* **Question 33**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | SDSF stands for \_\_\_\_\_\_\_\_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | SYSTEM DISPLAY and SEARCH FACILITY | | Answers: | SYSTEM DATA SEARCH FEATURE | |  | SORT DATA SEQUENTIAL FACILITY | |  | SYSTEM DISPLAY SEQUENCE FUNCTION | |  | SYSTEM DISPLAY and SEARCH FACILITY | |  |  |  |

* **Question 34**

0 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A \_\_\_\_\_\_\_\_ procedure is referenced by specifying the procedure name in JCL on an EXEC statement. The system inserts the named procedure into the JCL. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | PGM | |  |  |  |

* **Question 35**

0 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A \_\_\_\_\_\_\_\_ library is a stored set of JCL statements for processes that are executed repeatedly in order to avoid coding the JCL each time it is needed. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | identifier | |  |  |  |

* **Question 36**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The purpose of a \_\_\_\_\_\_\_\_ is to take a source program as input and translate it into object code (machine language). |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | compiler | |  |  |  |

* **Question 37**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | An object module is in relocatable format and can be executed. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | False | | Answers: | True | |  | False | |  |  |  |