**QUESTION 1**

1. Current mainframes have more than 16 channels and use \_\_\_\_ hexadecimal digits as the channel portion of an address.

|  |  |  |
| --- | --- | --- |
|  |  | 1 |
|  |  | 2 |
|  |  | 4 |
|  |  | over 1000 |

**1 points**

**QUESTION 2**

1. Just like the first mainframes, zSeries mainframes have a single Central Processing Unit (CPU), although of course it is many times more powerful than the CPU of the original mainframes.

 True

 False

**1 points**

**QUESTION 3**

1. Which of the following are possible characterizations of processor units (PUs or engines). Select **all** that apply.,

|  |  |  |
| --- | --- | --- |
|  |  | CP |
|  |  | zAAP |
|  |  | zORB |
|  |  | zIIP |
|  |  | PAS |
|  |  | IFL |

**1 points**

**QUESTION 4**

1. Parallel (or bus and tag) channels have been replaced by \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_ channels.

|  |  |  |
| --- | --- | --- |
|  |  | ESCON, FICON |
|  |  | DASD, VSAM |
|  |  | TSO, ISPF |
|  |  | SCSI, RAID |

**1 points**

**QUESTION 5**

1. Which of the following is **NOT** a typical characteristic of mainframes?

|  |  |  |
| --- | --- | --- |
|  |  | Centralized control of resources. |
|  |  | Hardware and operating systems that can share access to disk drives with other systems, with automatic locking and protection against destructive simultaneous use of disk data. |
|  |  | The ability to interact directly with the user by means of pointing devices such as trackballs and "mice". |
|  |  | Hardware and operating systems that routinely work with hundreds or thousands of simultaneous I/O operations. |

**1 points**

**QUESTION 6**

1. Batch processing is the running of jobs on the mainframe without user interaction.

 True

 False

**1 points**

**QUESTION 7**

1. Most mainframe workloads fall into one of two categories: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |  |
| --- | --- | --- |
|  |  | word processing, spreadsheets |
|  |  | batch processing, online transaction processing |
|  |  | batch processing or diagnostics |
|  |  | DASD or magnetic tape |

**1 points**

**QUESTION 8**

1. A mainframe is what businesses use to host the commercial databases, transaction servers, and applications that require a greater degree of security and availability than is commonly found on smaller-scale machines

 True

 False