|  |  |
| --- | --- |
| QN= | In the Train Control system, Train object is an\_\_\_\_\_\_. |
| a. | Entity |
| b. | Agent |
| c. | Event |
| d. | Association |
| ANS: | A |
| PTS: | 1 |
| UNIT: | 10 |
| MIX CHOICES: | YES |

|  |  |
| --- | --- |
| QN= | In the Train Control system, Onboard Train Controller (Software installed on Train) object is an\_\_\_\_\_\_. |
| a. | Entity |
| b. | Agent |
| c. | Event |
| d. | Association |
| ANS: | B |
| PTS: | 1 |
| UNIT: | 10 |
| MIX CHOICES: | YES |

|  |  |
| --- | --- |
| QN= | In the Library Management System, Patron user is an\_\_\_\_\_\_ object, and Book is an \_\_\_ object. |
| a. | Agent/Entity |
| b. | Agent/Association |
| c. | Entity/Agent |
| d. | Event/Entity |
| ANS: | A |
| PTS: | 1 |
| UNIT: | 10 |
| MIX CHOICES: | YES |

|  |  |
| --- | --- |
| QN= | The "registration" link between Library, Period, and Patron objects is an (a)\_\_\_\_\_\_. |
| a. | N-ary association |
| b. | Binary association |
| c. | Event object |
| d. | Entity object |
| ANS: | A |
| PTS: | 1 |
| UNIT: | 10 |
| MIX CHOICES: | YES |

|  |  |
| --- | --- |
| QN= | In the Library Management System, a Library object instance can aggregate some Shelves object instances. In this case, the link between Library object and Shelves shall be \_\_\_\_\_\_. |
| a. | Aggregation |
| b. | Composition |
| c. | Association |
| d. | N-ary association |
| ANS: | A |
| PTS: | 1 |
| UNIT: | 10 |
| MIX CHOICES: | YES |

|  |  |
| --- | --- |
| QN= | In the Car Control System, the link between Car object and Door object is an (a)\_\_\_\_\_\_\_. |
| a. | Aggregation |
| b. | Composition |
| c. | Association |
| d. | N-ary association |
| ANS: | B |
| PTS: | 1 |
| UNIT: | 10 |
| MIX CHOICES: | YES |

|  |  |
| --- | --- |
| QN= | The process of identifying sub-objects from the current objects in object model is called\_\_\_\_\_\_\_. |
| a. | Object specialization |
| b. | Object generalization |
| c. | Object aggregation |
| d. | Object composition |
| ANS: | A |
| PTS: | 1 |
| UNIT: | 10 |
| MIX CHOICES: | YES |

|  |  |
| --- | --- |
| QN= | When a domain invariant constraints multi-objects, the domain invariant should be specified in domain-invar feature of \_\_\_\_\_\_\_\_ in object model. |
| a. | linked object (association) |
| b. | linking objects |
| c. | one of linking objects |
| d. | all of the others |
| ANS: | A |
| PTS: | 1 |
| UNIT: | 10 |
| MIX CHOICES: | YES |

|  |  |
| --- | --- |
| QN= | The process of identifying super objects from the existing objects in object model by factoring out common features is called\_\_\_\_\_\_\_. |
| a. | Object specialization |
| b. | Object generalization |
| c. | Object aggregation |
| d. | Object composition |
| ANS: | B |
| PTS: | 1 |
| UNIT: | 10 |
| MIX CHOICES: | YES |

|  |  |
| --- | --- |
| QN= | In Train Control system, Car object and Train object are independent, the link between Car object and Train object should be\_\_\_\_\_\_. |
| a. | Association |
| b. | Aggregation |
| c. | Composition |
| d. | N-ary association |
| ANS: | A |
| PTS: | 1 |
| UNIT: | 10 |
| MIX CHOICES: | YES |

|  |  |
| --- | --- |
| QN= |  |
| a. |  |
| b. |  |
| c. |  |
| d. |  |
| ANS: |  |
| PTS: | 1 |
| UNIT: | 10 |
| MIX CHOICES: | YES |

|  |  |
| --- | --- |
| QN= |  |
| a. |  |
| b. |  |
| c. |  |
| d. |  |
| ANS: |  |
| PTS: | 1 |
| UNIT: | 10 |
| MIX CHOICES: | YES |