**Section: 1**

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q1:** | Which of the following information is not compulsory in a delivery order (DO)? | **Mark (1)** |
|  | Receiver address | |
|  | Total weight of all the items | |
|  | The total price of all the items | |
|  | Shipper address | |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q2:** | Which of the following activity consumes the largest cost component of manpower cost in the warehouse? | **Mark (1)** |
|  | Order Picking | |
|  | Receiving | |
|  | Storage | |
|  | Shipping | |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q3:** | What is the void fill used in Figure 1?  C:\Users\17046589\AppData\Roaming\Republic Poly\eQuest\_assessmentimages\_assessmentimg_600216353_-276886971.png  Figure 1: Inside of a truck | **Mark (1)** |
|  | Flexible foams and bubble materials | |
|  | Inflatable Air Pillow | |
|  | Paper Pillow | |
|  | Environmentally-friendly pillow | |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q4:** | Which of the following storage mode will result in honeycomb effect? | **Mark (1)** |
|  | Cantilever | |
|  | AS/RS | |
|  | Double-deep pallet rack | |
|  | Single-deep pallet rack | |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q5:** | What is used to hold the plastic strap together?  C:\Users\17046589\AppData\Roaming\Republic Poly\eQuest\_assessmentimages\_assessmentimg_-1744982849_-1243944298.png  Figure 2: Cargo tightened with plastic strap | **Mark (1)** |
|  | C:\Users\17046589\AppData\Roaming\Republic Poly\eQuest\_assessmentimages\_assessmentimg_-1720467126_414158841.jpeg | |
|  | C:\Users\17046589\AppData\Roaming\Republic Poly\eQuest\_assessmentimages\_assessmentimg_-1147479973_-965459712.png | |
|  | C:\Users\17046589\AppData\Roaming\Republic Poly\eQuest\_assessmentimages\_assessmentimg_1308441526_75659333.jpeg | |
|  | C:\Users\17046589\AppData\Roaming\Republic Poly\eQuest\_assessmentimages\_assessmentimg_1973722713_-1645678724.png | |

Bottom of Form

**Section: 2**

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q6:** | This is your first day of internship in YY Storage Pte Ltd. Your supervisor decides to test you on warehouse storage to gauge your understanding.  What is the storage system in Figure 3? List **ONE (1)** characteristic of this storage system.  C:\Users\17046589\AppData\Roaming\Republic Poly\eQuest\_assessmentimages\_assessmentimg_-2137478598_2004696190.jpeg  Figure 3. Storage system | **Mark (2)** |
|  |  | |
|  | Word Count: 10 | Max Words: 1000 |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q7:** | Figure 4 shows another stock keeping unit (SKU) that is found in the warehouse. What is a possible storage system used to store this SKU? List **ONE (1)** advantage and **ONE (1)** disadvantage for this storage system.  C:\Users\17046589\AppData\Roaming\Republic Poly\eQuest\_assessmentimages\_assessmentimg_-1205387396_1476278232.jpeg  Figure 4 One type of SKU | **Mark (3)** |
|  |  | |
|  | Word Count: 50 | Max Words: 1000 |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q8:** | List any **TWO (2)** factors that should be considered when selecting a forklift. | **Mark (2)** |
|  |  | |
|  | Word Count: 9 | Max Words: 1000 |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q9:** | The company is thinking of outsourcing their logistics to a 3rd Party Logistics (3PL) player. List **TWO (2)** advantages of using 3PL. | **Mark (2)** |
|  |  | |
|  | Word Count: 29 | Max Words: 1000 |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q10:** | You have been with YY Storage Pte Ltd for almost 3 months. Your supervisor would like you to assist in their 3-year plan. He would like you to list **TWO (2)** challenges faced by warehouses located in Singapore and **TWO (2)** ways to overcome these challenges. | **Mark (4)** |
|  |  | |
|  | Word Count: 32 | Max Words: 1000 |

Bottom of Form

**Section: 3**

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q11:** | The two main operations in a warehouse are the inbound and outbound processes. Within these processes, there are other sub-processes like receiving, putaway and etc.  You noted that the warehouse storage uses an informal location management system. List any **TWO (2)** disadvantages associated with this location management system. | **Mark (2)** |
|  |  | |
|  | Word Count: 49 | Max Words: 1000 |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q12:** | In order to improve the warehouse operation, you suggest switching to a commodity location management system. List any **TWO (2)** setups that need to be done before the warehouse location management system can be converted. | **Mark (2)** |
|  |  | |
|  | Word Count: 26 | Max Words: 1000 |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q13:** | There may be discrepancies during the receiving process. List any **TWO (2)** possible discrepancies. | **Mark (2)** |
|  |  | |
|  | Word Count: 20 | Max Words: 1000 |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q14:** | You noted that one supplier uses good packing practice for their delivery. Identify any **TWO (2)** good packing practices present in Figure 5.  C:\Users\17046589\AppData\Roaming\Republic Poly\eQuest\_assessmentimages\_assessmentimg_-1045809497_-505634826.jpeg  Figure 5: Goods from the supplier | **Mark (2)** |
|  |  | |
|  | Word Count: 34 | Max Words: 1000 |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q15:** | Figure 6 shows how a certain company palletized their product. List **THREE (3)** possible improvement that can be made to this.  C:\Users\17046589\AppData\Roaming\Republic Poly\eQuest\_assessmentimages\_assessmentimg_798949461_-839930678.jpeg  Figure 6: Palletized Goods | **Mark (3)** |
|  |  | |
|  | Word Count: 76 | Max Words: 1000 |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q16:** | Figure 7 shows a picker during one of his picking tasks. He is pushing a trolley and goes around the warehouse with an A4-size pick list. He uses batch picking to reduce his travelling time. List any **THREE (3)** disadvantages with his current picking method. List **THREE (3)** ways to improve it.  C:\Users\17046589\AppData\Roaming\Republic Poly\eQuest\_assessmentimages\_assessmentimg_585329886_1403357433.jpeg  Figure 7: Picking operation | **Mark (6)** |
|  |  | |
|  | Word Count: 26 | Max Words: 1000 |

Bottom of Form

**Section: 4**

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q17:** | In order to know if one’s warehouse operation is done well, benchmarking is important. Distribution Center Reference Model (DCRM) is a benchmarking tool that warehouses can use to first map out their operations in detail, collect the relevant data and then benchmark with similar companies.  List any **TWO (2)** approaches of the Distribution Center Reference Model (DCRM). | **Mark (2)** |
|  |  | |
|  | Word Count: 24 | Max Words: 1000 |

Bottom of Form

Top of Form



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Q18:** | Table 1 shows the storage and picking task data.   |  | | --- | |  |  |  |  |  |  | | --- | --- | --- | --- | | Description | SP4 | SP5 | SP6 | |  | Pick carton from carton | Pick item from carton | Pick item from item | | Average number of picking trip per day | 11 | 12 | 13 | | Average number of picked orders per day | 13 | 15 | 20 | | Average Number of picked orderlines per picking trip | 20 | 22 | 23 | | Average Number of picked units per picked orderline | 30 | 25 | 30 |   Table 1: Data collected for Storage and Picking task done  Assuming there is no SP1, SP2, SP3, calculated the average daily number of **items** picked. | **Mark (3)** |
|  |  | |
|  | Word Count: 45 | Max Words: 1000 |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q19:** | There is a strong likelihood that some of the data are wrong. Identify any **ONE (1)** value and give your explanation. | **Mark (3)** |
|  |  | |
|  | Word Count: 45 | Max Words: 1000 |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q20:** | After the benchmarking exercise, the results show that the storage and picking task has much room for improvement, and it is believed that the problem lies in the high inventory discrepancies. List **THREE (3)** possible reasons for discrepancies between the actual inventory count and the inventory value. | **Mark (3)** |
|  |  | |
|  | Word Count: 37 | Max Words: 1000 |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q21:** | More and more companies are using Cycle Count to check on their inventory as compared to just using Physical Inventory count. List **TWO (2)** advantages of using cycle count. | **Mark (2)** |
|  |  | |
|  | Word Count: 67 | Max Words: 1000 |

Bottom of Form

Top of Form



|  |  |  |
| --- | --- | --- |
| **Q22:** | In cycle counting, fast moving items are usually counted more often than the slow moving item. Do you agree? Explain your answer. | **Mark (2)** |
|  |  | |
|  | Word Count: 51 | Max Words: 1000 |

Bottom of Form