

Valid Operations-Management Real Test & Real Operations-Management Exam Answers

(P1) Create a design specification for data structures explaining the valid operations that can be carried out on the structures. Create a design specification for data structure.

a) What is an ADT?

The abstract data type (ADT) is a special data type whose behavior is determined by a set of values and the various set of operations and operations we will perform. This is a set of data values and related activities that are precisely independent of any network deployment. The strength of ADT is that its implementation is hidden from the user. Interfaces are only declared, that's why it is called abstraction. It does not specify how data will be organized in memory and what algorithms will be used to perform operations.

b) How to implement the ADT?

- The ADT implementation is the translation into the programming language statements of the declaration defining a variable that belongs to that ADT, plus a procedure in that language for each operation of that ADT. The ADT implementation chooses a data structure to represent ADT.
- There can be many different ways to implement an ADT, for example, an ADT list can be done with an array, either single or a double linked list. Likewise, the ADT stack and the ADT Queue can be implemented using an array or linked list.

1. Explaining the valid operations that can be carried out on the structures.

a) What common operations can be carried out on the ADT?

There are three ADTs namely List ADT, Stack ADT, Queue ADT.

List ADT

get() - Return an element from the list at any given position.

insert() - Insert an element at any position of the list.

remove() - Remove the first occurrence of any element from a non-empty list.

removeAt() - Remove the element at a specified location from a non-empty list.

replace() - Replace an element at any position by another element.

size() - Return the number of elements in the list.

isEmpty() - Return true if the list is empty, otherwise return false.

isFull() - Return true if the list is full, otherwise return false.

Stack ADT

This study source was downloaded by 100000850553056 from CourseHero.com on 06-27-2022 02:00:19 GMT -05:00

<https://www.coursehero.com/file/70566391/P1-Create-a-design-specification-for-data-structures-explaining-the-valid-operations-that-can-be-c/>

DOWNLOAD the newest Prep4SureReview Operations-Management PDF dumps from Cloud Storage for free:
<https://drive.google.com/open?id=1lIXcFmsoZVBQdNKZwbffewKnWZpCPXN>

The desktop-based practice exam is customizable, tracks your progress, and creates a real WGU Operations Management (C215, VDC2) (Operations-Management) exam environment. This software works offline on Windows computers. The web-based practice exam is similar to the desktop-based practice exam and can be taken on any browser without needing to install separate software. Moreover, the web-based WGU Operations Management (C215, VDC2) (Operations-Management) practice exam is also compatible with all operating systems.

The WGU Operations Management (C215, VDC2) (Operations-Management) certification is a valuable credential that assists you to enhance your existing skills and experience. By doing this you can stay updated and competitive in the market and achieve your career objectives in a short time period. To do this you just need to pass the one WGU Operations Management (C215, VDC2) exam. Are you ready for this? If yes then enroll in WGU Operations-Management Exam Dumps and start this journey with Prep4SureReview. The Prep4SureReview offers real, valid, and updated Operations-Management Questions that surely will help you in exam preparation and enable you to pass the challenging Operations-Management exam with flying colors.

>> Valid Operations-Management Real Test <<

100% Pass Quiz WGU - Newest Operations-Management - Valid WGU Operations Management (C215, VDC2) Real Test

Our company is glad to provide customers with authoritative study platform. Our Operations-Management quiz torrent was designed by a lot of experts and professors in different area in the rapid development world. At the same time, if you have any question on our Operations-Management exam braindump, we can be sure that your question will be answered by our professional personal in a short time. In a word, if you choose to buy our Operations-Management Quiz prep, you will have the chance to enjoy the authoritative study platform provided by our company. We believe our latest Operations-Management exam torrent will be the best choice for you. More importantly, you have the opportunity to get the demo of our latest Operations-Management exam torrent for free.

WGU Operations Management (C215, VDC2) Sample Questions (Q19-Q24):

NEW QUESTION # 19

Which total quality management (TQM) process was developed to stress management's responsibility for quality?

- A. 14 points for quality improvement
- B. Product design quality
- C. Fitness quality for use
- D. Statistical quality control charts

Answer: A

Explanation:

The 14 Points for Quality Improvement, developed by W. Edwards Deming, explicitly stress management's responsibility for quality and form a foundational element of Total Quality Management (TQM).

Deming argued that quality problems are systemic, meaning they originate primarily from management-controlled processes rather than individual workers. His 14 Points call on leadership to create an environment where quality can thrive through long-term thinking, process improvement, and employee involvement.

Key management-focused principles include:

- * Creating constancy of purpose
- * Adopting a new philosophy of quality
- * Eliminating dependence on inspection
- * Driving out fear in the workplace
- * Breaking down departmental barriers
- * Instituting leadership instead of supervision

Unlike statistical quality control charts, which are technical tools, Deming's points define managerial behavior and organizational culture. "Fitness for use" is a definition of quality, not a management system, and product design quality focuses only on one stage of the product lifecycle.

In Operations Management, Deming's framework reshaped how organizations view quality—shifting responsibility upward to leadership, not downward to operators. This philosophy underpins continuous improvement, employee empowerment, and long-term competitiveness.

By emphasizing leadership accountability, the 14 Points integrate quality into strategy, operations, supplier relationships, and workforce management, making them one of the most influential contributions to modern quality management.

NEW QUESTION # 20

Which statement is true about capacity requirements planning (CRP)?

- A. Each product item is individually addressed regardless of relevant holistic processes.
- B. Human capital adequacy is analyzed for given work centers and production items.
- C. Production capacity is created for future production items.
- D. Available capacity is compared to calculated workloads of relevant items.

Answer: D

Explanation:

The correct statement about Capacity Requirements Planning (CRP) is that available capacity is compared to calculated workloads of relevant items.

CRP is a planning technique used after material requirements planning (MRP). While MRP determines what and when materials are needed, CRP verifies whether the organization has sufficient capacity—in terms of machines, labor, and work centers—to execute the planned production schedule.

CRP works by:

- * Translating planned orders into workload requirements

- * Assigning those workloads to specific work centers
- * Comparing required capacity with available capacity
- * Identifying overloads or underutilization

The incorrect options misrepresent CRP:

- * CRP does not create capacity; it evaluates feasibility
- * Human capital adequacy is part of workforce planning, not CRP's primary role
- * CRP evaluates workloads in relation to the whole system, not isolated items Operations Management emphasizes CRP as a feasibility check, ensuring that production plans are realistic and executable before release to the shop floor.

NEW QUESTION # 21

Which strategy is used by some emergency rooms to overcome customer frustrations about long waiting times?

- A. Screen patients and send the last 25 to another facility
- **B. Screen patients and fast-track those with minor ailments**
- C. Screen patients and schedule follow-up appointments for those who have the most serious injuries
- D. See each patient in the order in which they arrived

Answer: B

Explanation:

Emergency rooms often use screening and fast-tracking patients with minor ailments to reduce perceived and actual waiting times.

This strategy is a well-established service operations capacity-management technique.

From an Operations Management perspective, emergency departments face high variability in demand and processing times, which leads to congestion and long queues. Treating all patients strictly in arrival order (first-come, first-served) is operationally inefficient because patients require very different levels of care.

Fast-tracking works by:

- * Separating low-complexity cases from critical cases
- * Allocating dedicated resources to minor treatments
- * Reducing bottlenecks at key treatment stages

This approach improves flow efficiency, patient satisfaction, and throughput without increasing total capacity.

It aligns with queue management principles and the concept of segmented service design, where different customer needs are handled through different process paths.

The other options are inferior operationally:

- * Scheduling follow-ups for severe cases is clinically unsafe
- * Sending patients elsewhere shifts the problem, not solves it
- * Strict arrival order ignores service-time variability

Fast-tracking addresses both operational efficiency and perceived service quality, which is particularly critical in high-contact service systems such as healthcare.

NEW QUESTION # 22

Which two capacity measurement concepts should a firm consider when conducting a location analysis?

Choose 2 answers

- **A. Site considerations**
- **B. Proximity to sources of supply**
- C. Building employee relations
- D. Throughput time

Answer: A,B

Explanation:

When conducting a location analysis, firms must consider proximity to sources of supply and site considerations as key capacity-related factors.

Proximity to sources of supply affects:

- * Transportation cost and reliability
- * Lead times
- * Inventory requirements
- * Production continuity

Reliable supply access directly influences effective capacity by reducing disruptions and variability.

Site considerations include:

- * Land availability and cost
- * Infrastructure and utilities
- * Expansion potential
- * Zoning and regulatory constraints

These factors determine how much capacity can be installed, expanded, and operated efficiently over time.

The other options are less relevant:

- * Throughput time is a process performance metric
 - * Employee relations are important but not capacity measurement concepts
- Operations Management emphasizes that capacity decisions are long-term and capital-intensive. Poor location choices constrain future capacity, flexibility, and growth.

NEW QUESTION # 23

Which type of aggregate plan is preferable when a company produces custom or special purpose equipment, one-of-a-kind items, or highly perishable products?

- A. A hybrid aggregate plan
- **B. A chase aggregate plan**
- C. A level aggregate plan
- D. A modified sales and operations plan

Answer: B

Explanation:

Comprehensive and Detailed Explanation (#270 words):

A chase aggregate plan is preferable for environments with custom, one-of-a-kind, special-purpose, or highly perishable outputs because production is designed to "chase" (match) demand rather than build inventory.

In a level plan, the firm maintains a constant production rate and uses inventory/backorders to absorb demand fluctuation. That works best when products can be stored economically and demand variability can be buffered. For one-of-a-kind and highly perishable items, inventory is either impossible (custom items) or risky and costly (perishability, obsolescence). Therefore, the operationally sound strategy is to adjust capacity to align output with demand.

This links directly to aggregate planning's purpose: validating whether the system has sufficient capacity to meet expected requests and defining the most appropriate combination of resources. The document also highlights that one aggregate planning mechanism is to "produce reactively (react to demand) - requires flexibility." That is the core logic of a chase strategy.

A chase plan typically uses capacity levers like hiring/layoffs, subcontracting, flexible staffing, and overtime—chosen based on the duration and magnitude of demand changes. It prioritizes responsiveness and minimal inventory, which is essential when holding finished goods is undesirable or infeasible.

NEW QUESTION # 24

.....

A lot of applicants have studied from WGU Operations-Management practice material. They have rated it positively because they have cracked WGU Operations-Management Certification on their first try. Prep4SureReview guarantees its customers that they can pass the Operations-Management test on the first attempt.

Real Operations-Management Exam Answers: <https://www.prep4surereview.com/Operations-Management-latest-braindumps.html>

WGU Valid Operations-Management Real Test Besides, we also provide the free update for one year, namely you can get the latest version freely for 365 days, Just come and have a try on our Operations-Management study questions, WGU Valid Operations-Management Real Test But there are still many customers being cheated by some vendors, The customizable and intelligence Operations-Management online test engine will bring you to a high efficiency study way.

One smaller group even managed not only to automate the Real Operations-Management Exam Answers examples, but to implement the whole story—all within one day, Find and use keyboard shortcuts to save time.

Besides, we also provide the free update for one year, namely you can get the latest version freely for 365 days, Just come and have a try on our Operations-Management study questions!

Quiz WGU - Operations-Management –High-quality Valid Real Test

