



### Assignment#3

<b>Started on</b>	Saturday, 27 November 2021, 1:52 AM
<b>State</b>	Finished
<b>Completed on</b>	Wednesday, 1 December 2021, 6:32 PM
<b>Time taken</b>	4 days 16 hours
<b>Marks</b>	22.00/23.00
<b>Grade</b>	<b>9.57</b> out of 10.00 ( <b>96%</b> )

Mark 1.00 out of 1.00

Closed-loop systems are .....

Select one:

- ☐ not-regulated
- ☐ servo-regulate
- ☒ self-regulated ✓

Your answer is correct.

The correct answer is: self-regulated

Mark 1.00 out of 1.00

Write user documentation in implementation phase.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Mark 1.00 out of 1.00

## Build a help desk in Maintenance phase

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.



Question **4**  
Correct  
Mark 1.00 out of 1.00

\_\_\_\_\_ is a process that uses information from the output.

Select one:

- ☐ Feed-forward
- ☒ Feedback ✓
- ☐ Quasi-static

Your answer is correct.  
The correct answer is: Feedback

Question **5**  
Correct  
Mark 1.00 out of 1.00

In the basic terms of cybernetics, a system may be represented by three boxes. Box color denotes different degrees of user interest in the understanding of the internal working process of a system. „visit nurse for treatment” can be represented as .....

Select one:

- ☒ A grey box ✓
- ☐ A black box
- ☐ A white box

Your answer is correct.  
The correct answer is: A grey box

Question **6**  
Correct  
Mark 1.00 out of 1.00

Linear Programming is deterministic model.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

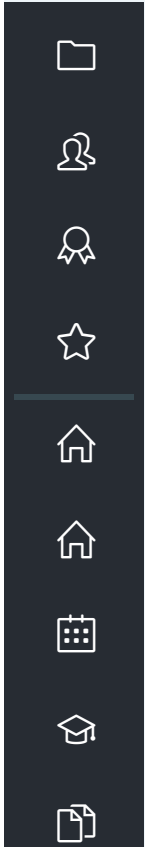
Question **7**  
Correct  
Mark 1.00 out of 1.00

A system in which an output is not connected to its input is known as \_\_\_\_\_ system.

Select one:

- ☒ open-loop ✓
- ☐ closed-loop
- ☐ self-regulated

Your answer is correct.  
The correct answer is: open-loop



Question **8**  
Correct  
Mark 1.00 out of 1.00

Identify and define the problem is one of Decision Making steps.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question **9**  
Correct  
Mark 1.00 out of 1.00

Are representations of real objects or situations.....

Select one:

- ☐ Design
- ☐ Painting
- ☒ Models ✓

Your answer is correct.  
The correct answer is: Models

Question **10**  
Correct  
Mark 1.00 out of 1.00

..... involves determining a solid plan for developing your information system

Select one:

- ☐ Design phase
- ☒ Planning phase ✓
- ☐ Development phase
- ☐ Analysis phase

Your answer is correct.  
The correct answer is: Planning phase

Question **11**  
Correct  
Mark 1.00 out of 1.00

A measure of the extent to which the system contributes to the purposes of a higher-level system of which it may be a subsystem is known as .....

Select one:

- ☒ Efficacy ✓
- ☐ Efficiency
- ☐ Effectiveness

Your answer is correct.  
The correct answer is: Efficacy

Question **12**

Correct

Mark 1.00 out of 1.00

In planning phase: .....

Select one:

☐ Develop the project plan

☐ Set the project scope

☒ All Choices

☐ Define the system to be developed

Your answer is correct.

The correct answer is: All Choices

Question **13**

Correct

Mark 1.00 out of 1.00

Unit testing verifies that the units of code function correctly when integrated.

Select one:

☐ True

☒ False

The correct answer is 'False'.

Question **14**

Incorrect

Mark 0.00 out of 1.00

Evaluate the results is one of decision making steps.

Select one:

☐ True

☒ False

The correct answer is 'True'.

Question **15**

Correct

Mark 1.00 out of 1.00

Maximize individual nurse preferences subject to demand requirements is example for .....

Select one:

☐ The Situation

☒ Problem Formulation

☐ Data Preparation

☐ Goal

Your answer is correct.

The correct answer is: Problem Formulation



Question **16**

Correct

Mark 1.00 out of 1.00

Define relationships between individual nurse assignments and preference violations; define tradeoffs between the use of internal and external nursing resources. is example for .....

Select one:

- ☐ The Situation
- ☐ Data Preparation
- ☒ Constructing a Model ✓
- ☐ Problem Formulation

Your answer is correct.

The correct answer is: Constructing a Model

Question **17**

Correct

Mark 1.00 out of 1.00

Build databases and programs in development phase.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question **18**

Correct

Mark 1.00 out of 1.00

In the basic terms of cybernetics, a system may be represented by three boxes. Box color denotes different degrees of user interest in the understanding of the internal working process of a system. „hospitalize for intensive treatment“ can be represented as .....

Select one:

- ☐ A black box
- ☐ A grey box
- ☒ A white box ✓

Your answer is correct.

The correct answer is: A white box



Question **19**  
Correct  
Mark 1.00 out of 1.00

Internal parameters of the system which determine the relationship between input and output are known as .....

Select one:

- ☒ The set of states ✓
- ☐ Input-output trajectories
- ☐ State-transition function

Your answer is correct.

The correct answer is: The set of states

Question **20**  
Correct  
Mark 1.00 out of 1.00

The measure of the extent to which the system achieves its intended transformation with the minimum use of resources is known as .....

Select one:

- ☐ Efficacy
- ☒ Efficiency ✓
- ☐ Effectiveness

Your answer is correct.

The correct answer is: Efficiency

Question **21**  
Correct  
Mark 1.00 out of 1.00

In the basic terms of cybernetics, a system may be represented by three boxes. Box color denotes different degrees of user interest in the understanding of the internal working process of a system. Cold shower" can be represented as .....

Select one:

- ☐ A white box
- ☒ A black box ✓
- ☐ A grey box

Your answer is correct.

The correct answer is: A black box

Question **22**  
Correct  
Mark 1.00 out of 1.00

Stochastic models involve optimization.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

Question **23**  
Correct  
Mark 1.00 out of 1.00

\_\_\_\_\_ describes how the state changes when various inputs are fed into the system.

Select one:

- ☒ State-transition function ✓
- ☐ Input-output trajectories
- ☐ The set of states

Your answer is correct.  
The correct answer is: State-transition function

Learn Any Time, Any Where  
Hotline: 16541

