



MTH601 QUIZ(1)

Not Mentioned

RIZ MUGHAL SQA ENGINEER:

I'm providing 100% correct quiz solution.

You can visit my YouTube channel for more quiz solution, also final year project including project assignments, and viva.

Riz Mughal

YOUTUBE:

<https://www.youtube.com/channel/UCINsFwDiB62SValCcPDZbRQ/playlists>

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<https://vusalikot.com>

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<https://www.facebook.com/groups/923887914750307>

MTH601: Quiz

Question # 1 of 10 (Start time: 11:46:57 AM, 07 May 2021)

Which of the following is an operations research (OR) process?

Select the correct option

- | | |
|----------------------------------|--------------------|
| <input checked="" type="radio"/> | Model construction |
| <input type="radio"/> | Linear programming |
| <input type="radio"/> | Networking |
| <input type="radio"/> | Simplex method |

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Question # 2 of 10 (Start time: 11:47:19 AM, 07 May 2021)

Total Mark: 1

The Operational Research Society of U.K. defines OR as "Operational Research is the application of the methods of _____ to complex problems arising in the direction and management of large systems of men, machines, materials and money in industry, business, government and defense."

Select the correct option

<input type="radio"/>	arts
<input type="radio"/>	statistics
<input type="radio"/>	mathematics
<input checked="" type="radio"/>	science

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R

Question # 3 of 10 (Start time: 11:47:36 AM, 07 May 2021)

Total Mark

In 1948, Blackett defined OR as "OR is a _____ of providing executives with any _____ and objective basis for decisions"

Select the correct option

- computational method, control
- scientific method, analytical
- graphical method, home
- none of these

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Question # 4 of 10 (Start time: 11:47:54 AM, 07 May 2021)

In a network flow diagram, events are just the points in -----be represented by circles.

Select the correct option

<input type="radio"/>	xy-plane
<input type="radio"/>	space only
<input checked="" type="radio"/>	time only
<input type="radio"/>	space-time

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MTH601:Quiz

Question # 5 of 10 (Start time: 11:48:14 AM, 07 May 2021)

Operations research is based on _____.

Select the correct option

- | | |
|----------------------------------|--------------|
| <input type="radio"/> | engineering |
| <input type="radio"/> | economics |
| <input type="radio"/> | computing |
| <input checked="" type="radio"/> | all of these |

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R

Question # 6 of 10 (Start time: 11:48:28 AM, 07 May 2021)

Total Mark:

If for path 1-3-4 time is $5+3=8$ days, for path 1-2-3-4 time is $6+7+3=16$ days and for path 1-2-4 time is $6+6=12$ days, then which of the followings is true.

Select the correct option

- | | |
|----------------------------------|--------------------------|
| <input type="radio"/> | 1-3-4 is critical path |
| <input type="radio"/> | 1-2-4 is critical path |
| <input checked="" type="radio"/> | 1-2-3-4 is critical path |
| <input type="radio"/> | 1-4 is critical path |
- RIZ MUGHAL
- 

Question # 7 of 10 (Start time: 11:48:54 AM, 07 May 2021)

Operations research (OR) is the application of quantitative methods to _____ making.

Select the correct option

- | | |
|----------------------------------|--------------|
| <input type="radio"/> | formula |
| <input checked="" type="radio"/> | decision |
| <input type="radio"/> | observation |
| <input type="radio"/> | all of these |

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R

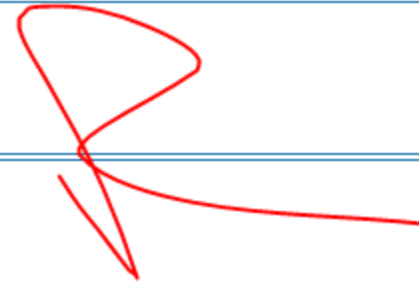
Question # 8 of 10 (Start time: 11:49:07 AM, 07 May 2021)

The first step in the application of _____ is to develop a network representation of the project plan.

Select the correct option

- | | |
|----------------------------------|--------------------|
| <input type="radio"/> | probability |
| <input checked="" type="radio"/> | CPM |
| <input type="radio"/> | linear programming |
| <input type="radio"/> | none of these |

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MTH601:Quiz

Question # 9 of 10 (Start time: 11:49:20 AM, 07 May 2021)

Duration of dummy activity is _____.

Select the correct option

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | latest start time |
| <input checked="" type="radio"/> | zero |
| <input type="radio"/> | early start time |
| <input type="radio"/> | 1 |
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Question # 10 of 10 (Start time: 11:49:33 AM, 07 May 2021)

Total Marks:

In 1946, Morse & Kimbel has defined operations research as "OR is a _____ of providing executive departments with a quantitative basis for decision regarding the operations under their _____"

Select the correct option

<input checked="" type="radio"/>	scientific method, control	//
<input type="radio"/>	computational method, control	//
<input type="radio"/>	graphical method, analytical	//
<input type="radio"/>	none of these	//

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R

2nd account

Question # 1 of 10 (Start time: 11:50:55 AM, 07 May 2021)

Total Marks: 1

In 1948, Morse defined OR as "The term OR, has here-to fore been used to connote various attempts to study operations of war by _____ . From a more general point of view, OR can be considered to be an attempt to study those operations of modern society which involved organizations of men or men and machines."

Select the correct option

<input type="radio"/>	computational methods	//
<input type="radio"/>	graphical methods	//
<input checked="" type="radio"/>	scientific methods	//
<input type="radio"/>	none of these	//

RIZ MUGHAL

R

Question # 2 of 10 (Start time: 11:51:40 AM, 07 May 2021)

Operations research (OR) is the application of quantitative methods to _____ making.

Select the correct option

- formula
- decision
- observation
- all of these

RIZ MUGHAL

R

Question # 3 of 10 (Start time: 11:51:52 AM, 07 May 2021)

Total Ma

The Operational Research Society of U.K. defines OR as "Operational Research is the application of the methods of _____ to complex problems arising in the direction and management of large systems of men, machines, materials and money in industry, business, government and defense."

Select the correct option

<input type="radio"/>	arts
<input type="radio"/>	statistics
<input type="radio"/>	mathematics
<input checked="" type="radio"/>	science

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R

Question # 4 of 10 (Start time: 11:52:04 AM, 07 May 2021)

Total I

A set of nodes connected by lines which begin at the initial node of a network and end at the terminal node is called _____.

Select the correct option

- Critical path
- Path
- Node
- Network

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R

Question # 5 of 10 (Start time: 11:52:18 AM, 07 May 2021)

Which of the following is not a categories of the operations research (OR) techniques.

Select the correct option

- | | |
|----------------------------------|---|
| <input type="radio"/> | Linear mathematical programming technique |
| <input checked="" type="radio"/> | Feasible solution |
| <input type="radio"/> | Inventory techniques |
| <input type="radio"/> | Network techniques |

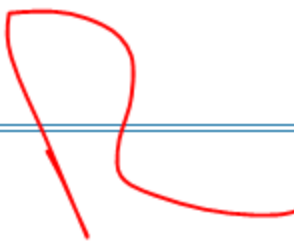
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MTH601:Quiz

Question # 6 of 10 (Start time: 11:52:31 AM, 07 May 2021)

Which of the following is an operations research (OR) process?

Select the correct option

- | | |
|----------------------------------|--------------------|
| <input type="radio"/> | Linear programming |
| <input type="radio"/> | Networking |
| <input type="radio"/> | Simplex method |
| <input checked="" type="radio"/> | Problem definition |
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- 

Question # 7 of 10 (Start time: 11:52:44 AM, 07 May 2021)

In a network flow diagram, the precedence relationship among the activities are indicated through -----.

Select the correct option

- project
- branch
- dummy
- nodes

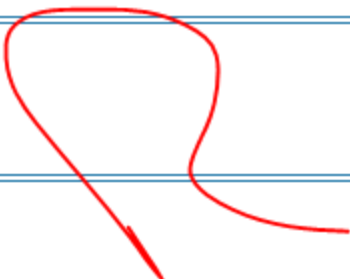
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Question # 8 of 10 (Start time: 11:52:56 AM, 07 May 2021)

Total Marks:

If both jobs 'a(l,n)' and 'b(m,n)' of '7' and '8' days durations respectively, start earlier simultaneously on 4th day, then 'n' can start earlier on -----day.

Select the correct option

- | | | |
|----------------------------------|------|----|
| <input type="radio"/> | 8th | // |
| <input type="radio"/> | 11th | // |
| <input type="radio"/> | 15th | // |
| <input checked="" type="radio"/> | 12th | // |
- RIZ MUGHAL*
- 

Question # 9 of 10 (Start time: 11:53:10 AM, 07 May 2021)

Total Marks:

In 1958, Saaty defined OR as "The art of giving _____ answer to problems to which, otherwise, _____ answers are given."

Select the correct option

- | | | |
|----------------------------------|------------------|----|
| <input checked="" type="radio"/> | bad, worse | // |
| <input type="radio"/> | worse, bad | // |
| <input type="radio"/> | good, excellent | // |
| <input type="radio"/> | excellent, worse | // |
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Question # 10 of 10 (Start time: 11:53:22 AM, 07 May 2021)

Duration of the project is described by the _____ to complete the project.

Select the correct option

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | shortest time |
| <input checked="" type="radio"/> | longest time |
| <input type="radio"/> | latest start time |
| <input type="radio"/> | quick time |

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3rd account

Question # 1 of 10 (Start time: 03:51:23 PM, 07 May 2021)

Total Marks

The Operational Research Society of U.K. defines OR as "Operational Research is the application of the methods of _____ to complex problems arising in the direction and management of large systems of men, machines, materials and money in industry, business, government and defense."

Select the correct option

- arts
- statistics
- mathematics
- science

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R

Question # 2 of 10 (Start time: 03:51:41 PM, 07 May 2021)


To

A/An ----- is the collection of inter related activities to be performed in a particular sequence to completion.

Select the correct option

- node
- event
- project
- branch

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Question # 3 of 10 (Start time: 03:52:09 PM, 07 May 2021)

Total Marks:

In the phase of Early Start and Early Finish, to find the Critical Path in a network flow diagram, for the first node(event), we start with time -----.

Select the correct option

- t = infinity
- t = 0
- t = a (arbitrary)
- with strict positive value

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Question # 4 of 10 (Start time: 03:52:28 PM, 07 May 2021)

Total Marks

In 1948, Morse defined OR as "The term OR, has here-to fore been used to connote various attempts to study operations of war by _____ . From a more general point of view, OR can be considered to be an attempt to study those operations of modern society which involved organizations of men or men and machines."

Select the correct option

- computational methods
- graphical methods
- scientific methods
- none of these

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R

Question # 5 of 10 (Start time: 03:52:44 PM, 07 May 2021)

The length of a path in a network is the total _____ it takes to travel along the path.

Select the correct option

- | | |
|----------------------------------|--------|
| <input type="radio"/> | length |
| <input type="radio"/> | days |
| <input checked="" type="radio"/> | time |
| <input type="radio"/> | months |

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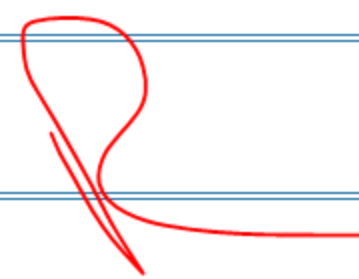
Question # 6 of 10 (Start time: 03:52:57 PM, 07 May 2021)

There are _____ kinds of time calculations for a project.

Select the correct option

- | | |
|----------------------------------|---|
| <input type="radio"/> | 1 |
| <input type="radio"/> | 2 |
| <input type="radio"/> | 3 |
| <input checked="" type="radio"/> | 4 |

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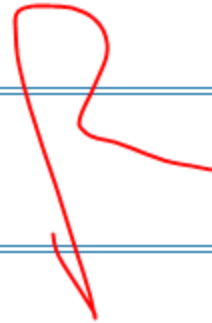
Question # 7 of 10 (Start time: 03:53:10 PM, 07 May 2021)

PERT is an acronym for _____ .

Select the correct option

- Program Evaluation and Review Technique
- Performance Evaluation and Review Technique Observation
- Program Execution and Revenue Technique
- Program Evaluation and Review Teacher

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Question # 8 of 10 (Start time: 03:53:26 PM, 07 May 2021)

Total Ma

In a project, a network diagram shows the precedence relations of inter related activities along with their corresponding activity -----

Select the correct option

<input checked="" type="radio"/>	times
<input type="radio"/>	cost
<input type="radio"/>	profit
<input type="radio"/>	quantity

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Question # 9 of 10 (Start time: 03:53:39 PM, 07 May 2021)

In Project Management, Critical Path method is based on ----- times.

Select the correct option

- | | |
|----------------------------------|---------------|
| <input checked="" type="radio"/> | deterministic |
| <input type="radio"/> | probabilistic |
| <input type="radio"/> | stochastic |
| <input type="radio"/> | serial |

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sec(s)

MTH601:Quiz

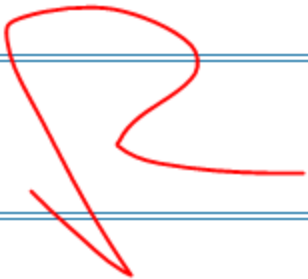
Quiz Start Time: 03:51 PM, 07 May 2021

Question # 10 of 10 (Start time: 03:53:52 PM, 07 May 2021)

Total Marks:

If both jobs 'a(l,n)' and 'b(m,n)' of '7' and '8' days durations respectively, start earlier simultaneously on 4th day, then 'n' can start earlier on -----day.

Select the correct option

- | | | |
|----------------------------------|------|----|
| <input type="radio"/> | 8th | // |
| <input type="radio"/> | 11th | // |
| <input type="radio"/> | 15th | // |
| <input checked="" type="radio"/> | 12th | // |
- RIZ MUGHAL**
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A decorative border with a repeating geometric pattern of diamonds and circles surrounds the text.

Thank you for watching 😊

Share with your fellows

rizwanqadeer848@gmail.com