

Professional Online Academy Vu Topper RM



CS432-Network Modeling and Simulation Update MCQ'S Mid Term

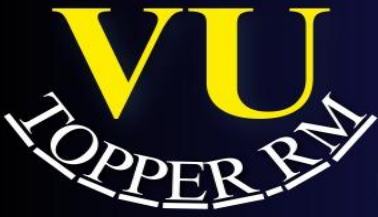


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Question No:1

(Marks:1)

Vu-Topper RM

_____ type of simulation has no time axis.

- A. Monte Carlo**
- B. Discrete events
- C. Continuous events
- D. Trace driven

Question No:2

(Marks:1)

Vu-Topper RM

Cost and accuracy tradeoff is done in _____ development process.

- A. Data collection and analysis
- B. "What- if" analysis
- C. Problem formulation**
- D. Model validation, verification and calibration

Question No:3

(Marks:1)

Vu-Topper RM

_____ handles the occurrence of event.

- A. Event queue
- B. Event cycle
- C. Event routines**
- D. Event order

Question No:4

(Marks:1)

Vu-Topper RM

Which of the following statement is not considered a general mistake in simulation?

- A. Improper initial conditions
- B. Verified models**
- C. Inadequate time estimate
- D. Short run times

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Question No:5

(Marks:1)

Vu-Topper RM

Initialization routine initialize all variables except _____.

- A. Infinite variables
- B. Statistical variables
- C. Global variables
- D. State variables**

Question No:6

(Marks:1)

Vu-Topper RM

_____ is not a network simulator.

- A. Team viewer**
- B. TinyOS Simulator (TOSSIM)
- C. Network Simulator-2 (NS-2)
- D. Optimized Network Engineering Tool (OPNET)

Question No:7

(Marks:1)

Vu-Topper RM

_____ model require single platform.

- A. Undefined
- B. Over defined
- C. Local
- D. Global**

Question No:8

(Marks:1)

Vu-Topper RM

OMNeT++ is an abbreviation of _____.

- A. Optimized Modular Network Testbed
- B. Objective Modular Network Tool
- C. Optimized Modular Network Tool
- D. Objective Modular Network Testbed**

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Question No:9

(Marks:1)

Vu-Topper RM

OMNET++ is designed in _____ language.

- A. C#
- B. Visual basic
- C. C++**
- D. Java Date:

Question No:10

(Marks:1)

Vu-Topper RM

_____ defined models are untrustworthy.

- A. Under**
- B. Extra
- C. Over
- D. Highly

Question No:11

(Marks:1)

Vu-Topper RM

The ----- are analyzed as scalars and vectors form of data.

- A. Input files
- B. Output files
- C. Datasets**
- D. Charts Date

Question No:12

(Marks:1)

Vu-Topper RM

_____ is known as the number of events in an ordered list.

- A. Event cycle
- B. Event routines
- C. Event order
- D. Event queue**

Question No:13

(Marks:1)

Vu-Topper RM

_____ is not a network simulator.

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- A. Network Simulator-2 (NS-2)
- B. Optimized Network Engineering Tool (OPNET)
- C. Team viewer**
- D. TinyOS Simulator (TOSSIM)

Question No:14 (Marks:1) **Vu-Topper RM**

_____ models integrate internal changes to the system with changing inputs.

- A. Deterministic
- B. Stochastic
- C. Linear
- D. Dynamic**

Question No:15 (Marks:1) **Vu-Topper RM**

OMNeT++ is an abbreviation of _____.

- A. Optimized Modular Network Testbed
- B. Objective Modular Network Tool
- C. Optimized Modular Network Tool
- D. Objective Modular Network Testbed**

Question No:16 (Marks:1) **Vu-Topper RM**

Considering the common simulation pitfalls, ----- are caused by lacking pseudo-random sequence.

- A. No achievable goals
- B. Incomplete mix of essential skills
- C. Inadequate time estimate
- D. Poor random number generators**

Question No:17 (Marks:1) **Vu-Topper RM**

_____ models don't have unique input–output mapping.

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- A. Deterministic
- B. Linear
- C. Dynamic
- D. Stochastic**

Question No:18 (Marks:1) **Vu-Topper RM**
Cost and accuracy tradeoff is done in _____ development process.

- A. Problem formulation
- B. Data collection and analysis
- C. "What- if" analysis
- D. Model validation, verification and calibration**

Question No:19 (Marks:1) **Vu-Topper RM**
_____ models have no randomness.

- A. Dynamic
- B. Stochastic
- C. Deterministic**
- D. Linear Date:

Question No:20 (Marks:1) **Vu-Topper RM**
_____ model require single platform.

- A. Undefined
- B. Local**
- C. Global
- D. Over defined

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Question No:21

(Marks:1)

Vu-Topper RM

In _____ type of simulation, states changes to inputs at non discrete times.

- A. Monte carlo simulation
- B. Discrete events
- C. Continuous event**
- D. Trace driven

Question No:22

(Marks:1)

Vu-Topper RM

_____ handles the occurrence of event.

- A. Event queue
- B. Event cycle
- C. Event routines**
- D. Event order

Question No:23

(Marks:1)

Vu-Topper RM

Initialization routine initialize all variables except _____.

- A. Infinite variables
- B. State variables
- C. Statistical variables**
- D. Global variables

Question No:24

(Marks:1)

Vu-Topper RM

The ----- are analyzed as scalars and vectors form of data.

- A. Datasets**
- B. Output files
- C. Input files
- D. Charts

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Question No:25

(Marks:1)

Vu-Topper RM

Average Response Time = Average Number in System / _____

- A. Average Bandwidth
- B. Average Users
- C. Average Speed
- D. Average Throughput**

Question No:26

(Marks:1)

Vu-Topper RM

_____ is known as the number of events in an ordered list.

- A. Event queue
- B. Event cycle**
- C. Event routines
- D. Event order

Question No:27

(Marks:1)

Vu-Topper RM

_____ models don't have unique input-output mapping.

- A. Deterministic
- B. Stochastic**
- C. Linear
- D. Dynamic

Question No:28

(Marks:1)

Vu-Topper RM

_____ defined models are untrustworthy.

- A. Extra
- B. Highly
- C. Over
- D. Under**

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Question No:29

(Marks:1)

Vu-Topper RM

Considering the common simulation pitfalls, -----
are caused by lacking pseudo-random sequence.

- A. Incomplete mix of essential skills
- B. Poor random number generators**
- C. No achievable goals
- D. Inadequate time estimate

Question No:30

(Marks:1)

Vu-Topper RM

_____ is a measure of an aggregate systemic property.

- A. Evaluation**
- B. Intimation
- C. Simulation
- D. Reflection

Question No:31

(Marks:1)

Vu-Topper RM

_____ models integrate internal changes to the system with
changing inputs.

- A. Dynamic**
- B. Linear
- C. Deterministic
- D. Stochastic

Question No:32

(Marks:1)

Vu-Topper RM

_____ models have no randomness.

- A. Stochastic
- B. Dynamic
- C. Linear
- D. Deterministic**

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Question No:33

(Marks:1)

Vu-Topper RM

_____ has an ordered list of events as input.

- A. Trace driven**
- B. Monte Carlo
- C. Discrete events
- D. Continuous events

Question No:34

(Marks:1)

Vu-Topper RM

_____ model require single platform.

- A. Over defined
- B. Local**

Question No:35

(Marks:1)

Vu-Topper RM

In Active Reconnaissance, the intruder involves in _____.

- A. sniffing
- B. war driving
- C. war dialing
- D. port scanning**

Question No:36

(Marks:1)

Vu-Topper RM

Frequency x Duration x Hour Cost = _____ .

- A. Status
- B. Loss Profit**
- C. All of the given
- D. Hopping

Question No:37

(Marks:1)

Vu-Topper RM

_____ provides a repeatable quantitative score for computer security vulnerabilities.

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- A. Users Security Scoring System
- B. Security Management Base
- C. Common Vulnerability Scoring System**
- D. Trusted Computing Base

Question No:38 (Marks:1) **Vu-Topper RM**

Targeted Threat Index (TTI) can be represented mathematically as

TTI = _____ * Implementation

- A. index value
- B. solution
- C. threat rate**
- D. method

Question No:39 (Marks:1) **Vu-Topper RM**

Total time for N objects in non-persistent connection is _____.

- A. $N*2RTT + N + \text{Transmit time}$**
- B. $N+2RTT + N*\text{Transmit time}$
- C. $N+2RTT + N + \text{Transmit time}$
- D. $N*2RTT + N*\text{Transmit time}$

Question No:40 (Marks:1) **Vu-Topper RM**

An attempt to make a machine or network resource unavailable to its intended users is known as _____

- A. Sniffer Attack
- B. Worm Attack
- C. Spoofing
- D. DoS Attack**

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Question No:41

(Marks:1)

Vu-Topper RM

One of the main function of Web Server model is to handle multiple _____ requests.

- A. End users
- B. HTTP**
- C. session
- D. HTML

Question No:42

(Marks:1)

Vu-Topper RM

Which of the following factors involved in characterizing the web server?

- A. Performance and usability
- B. Processing time and Time out interval
- C. Security and Adaptability
- D. Scalability and Availability**

Question No:43

(Marks:1)

Vu-Topper RM

_____ is the level of human effort required to keep that system operating at a satisfactory level

- A. Extensibility
- B. Manageability**
- C. Reliability
- D. Availability

Question No:44

(Marks:1)

Vu-Topper RM

Rate jitter measures _____ between minimal and maximal inter-arrival times

- A. Difference**
- B. Addition
- C. Average

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D. Equality

Question No:45

(Marks:1)

Vu-Topper RM

Which of the following is not used to implement the DoS Attack?

- A. Sniffer Attack**
- B. TCP Syn attack
- C. Ping attack
- D. Large computational load

Question No:46

(Marks:1)

Vu-Topper RM

A protocol used to deliver audio/ video over IP network is known as

- A. Real-time transfer Protocol
- B. Real-time transmission Protocol
- C. Real-time Transport Protocol**
- D. Real – time translation Protocol

Question No:47

(Marks:1)

Vu-Topper RM

HTTP is based on _____ messages.

- A. random
- B. multiple
- C. users
- D. sequenced**

Question No:48

(Marks:1)

Vu-Topper RM

Total time for N objects in persistent connection is _____.

- A. $(N)*RTT + N*Transmit\ time$
- B. $N*2RTT + N*Transmit\ time$
- C. $2RTT + N*Transmit\ time$**

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D. $(N+1)*RTT + N*Transmit\ time$

Question No:49

(Marks:1)

Vu-Topper RM

The _____ is the extension for Analysis file

- A. .ini
- B. .cc
- C. .anf**
- D. .ned

Question No:50

(Marks:1)

Vu-Topper RM

The amount of useful traffic that is correctly transmitted, relative to total traffic is called _____

- A. availability
- B. delay
- C. performance
- D. accuracy**

Question No:51

(Marks:1)

Vu-Topper RM

Which one of the following is NOT the factor affecting efficiency?

- A. Hard drive size**
- B. Frame size
- C. Serialization delay on WAN
- D. Access protocols

Question No:52

(Marks:1)

Vu-Topper RM

In Easy Math writing rule “2-3-4” the number 4 represents more than 4 _____

- A. Words**
- B. Sentences

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- C. Verbs
- D. Adjective

Question No:53 (Marks:1) **Vu-Topper RM**
The total number of bytes received in the network is represented with _____

- A. total(rcvdByteCount)
- B. sum(rcvdByteCount)**
- C. func(rcvdByteCount)
- D. add(rcvdByteCount)

Question No:54 (Marks:1) **Vu-Topper RM**
Application layer throughput provides insight into useful _____

- A. performance**
- B. transmissions
- C. recovery
- D. terminations

Question No:54 (Marks:1) **Vu-Topper RM**
Accuracy = [(Real value – Error) / _____] * 100

- A. Other value
- B. Maximum value
- C. Minimum value
- D. Real value**

Question No:56 (Marks:1) **Vu-Topper RM**
_____ Step is not included in Step wise approach to measure downtime

- A. Calculate cost**

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- B. Simulate the outcome
- C. Define What You Protect
- D. Identify Business Continuity Components

Question No:57 (Marks:1) **Vu-Topper RM**
Unplanned expansion causes performance _____

- A. Degradation**
- B. Enhanced
- C. Better
- D. Upgradation

Question No:58 (Marks:1) **Vu-Topper RM**
Interactive Voice and video applications demand minimum _____

- A. Delay**
- B. Accuracy
- C. Bandwidth
- D. Hardware

Question No:59 (Marks:1) **Vu-Topper RM**
The TicToc's Processing delay can be controlled with the help of _____

- A. Timer**
- B. Switch
- C. Delayer
- D. Boaste

Question No:60 (Marks:1) **Vu-Topper RM**
Which of the following method is used to declare a two way gate connection in OMNET++?

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- A. out
- B. inout *
- C. in
- D. inout**

Question No:61 (Marks:1) **Vu-Topper RM**
OMNET++ allows visualizing outputs of _____ files

- A. Character and string
- B. Scalar and vector**
- C. Integer and binary
- D. Float and binary

Question No:62 (Marks:1) **Vu-Topper RM**
_____ File Editor lets the user configure simulation models for execution.

- A. User
- B. Basic
- C. INI**
- D. Exe

Question No:63 (Marks:1) **Vu-Topper RM**
What does the code “Simple toc5 extends txc5” represent

- _____?
- A. Inheritance**
 - B. Polymorphism
 - C. Overriding
 - D. Overloading

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Question No:64

(Marks:1)

Vu-Topper RM

The syntax _____ is used to add parameter values?

- A. parameters sendMsgOnInit: true;
- B. parameters:: sendMsgOnInit = true;**
- C. parameters: sendMsgOnInit = true;
- D. parameters. sendMsgOnInit = false;

Question No:65

(Marks:1)

Vu-Topper RM

A _____ is used to tell the compiler which source files you want to compile.

- A. Buildfile
- B. Initfile
- C. Makefile**
- D. Showfil

Question No:66

(Marks:1)

Vu-Topper RM

Which of the following is irrelevant for creating Tic.NED file?

- A. Select “Empty Project with src and simulation folders”
- B. Create Tic.cc file**
- C. Create Tic.NED file
- D. Open project explorer

Question No:67

(Marks:1)

Vu-Topper RM

_____ initializes module Txc4's parameters

- A. initialize():void Txc4
- B. void Txc4::initialize()**
- C. void Txc4.initialize()
- D. void Txc4: nitalize()

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Question No:68

(Marks:1)

Vu-Topper RM

Two-way connections can _____ coding size

A. Maintain

B. Increase

C. Un-stabilize

D. Reduce

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