

INET stands for _____



Choices:

Internet Network Emulation Tool

International Networking Embedded Technology

Internet Networking

Internet Network Engineering Taskforce

TIME LEFT

56



Type here to search

Question: 7 (Marks: 1)

In Omnet++ _____ is used for inheritance.



Choices:

Inherits

Expands

Derives

Extends

TIME LEFT

57



Type here to search



Question: 12 (Marks: 1)

_____ means that the Scenarios & conditions for experiments must be truly representative

Choices:

Unbiased

Repeatable

Rigorous

Statistically sound

_____ is an advantage of using Model.

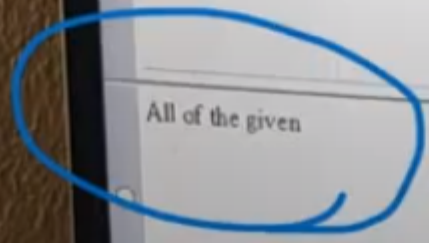
Choices:

Quick to test

Easy to modify

Flexible

All of the given



Question: 25 (Marks: 1)

Quantity of error-free data successfully transferred between nodes/sec is called _____



Choices:

Efficiency



Capacity



Utilization



Throughput



OMNET++ allows visualizing outputs of scalar and vector files in ----- processes.



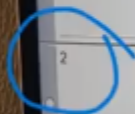
Choices:

5

2

4

3



Network Modelling and Simulation (CS432)

Question: 26 (Marks: 1)

Formula to calculate capacity is $C = B \log_2(1 + \underline{\quad})$ 

Choices:

 N/S 1/S S/N 1/N

Question: 27 (Marks: 1)

The amount of time average delay _____.



Choices:

remains same



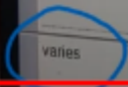
decrease



minimize



varies



Network Modelling and Simulation (CS432)

Question: 13 (Marks: 1)

NED stands for _____.



Choices:

Network Enabling Device

Network Definition

Network Description

Network Entity Description

Question: 15 (Marks: 1)

Attack success probability is calculated as $P =$ _____



Choices:

$1-(1-Q)^n$

$1-(1-Q)^{n+1}$

$1-(1-Q)^{n-1}$

$1-(1-Q)^{n-2}$

Question: 10 (Marks: 1)

_____ is not one of the requirements in design of OMNET++.



Choices:

Large scale simulations



Increase debugging time



Debugging



Reduce debugging time



Question: 11 (Marks: 1)

The building process of OMNET++ is same as _____ language

Choices:

JAVA

Visual basic

C/C++

BASIC

Question: 17 (Marks: 1)

Which of the following attribute is used to record outputs to vector file?

Choices:

hopScalarvector

hopCountVector

hopCountScaler

hopvectorScaler

We need to count TCP and UDP packets in order to know the total number of _____ packets.

Services

Transport

Received

Forward

Sent

Availability = $MTBF / (MTBF + MTTR)$



Choices:

1



MTBF



1/MTBF



1/2



Question: 18 (Marks: 1)

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

Choices

Charts

Input files

Datasets

Histograms

Question: 22 (Marks: 1)

Exploring potential target's weaknesses by different means is a _____.



Choices:

Denial-of-service (DoS)

Reconnaissance

Distributed denial-of-service (DDoS)

War driving

Question: 23 (Marks: 1)

_____ is the ability of a system to complete its function

Choices:

Scalability

Reliability

Availability

Usability

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

Select the correct option



Deterministic



Stochastic



Dynamic

----- defined models are untrustworthy.

Select the correct option



Over



Under



Extra

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

Select the correct option

Deterministic

Dynamic

Linear

Stochastic