

# CS432 MIDTERM PREPARATION FILE (MSQS)

1. Too much detail can make a model very -----?

- A) Easy
- B) Complicated Correct
- C) Useful
- D) Attractive

2. Model is often based on assumption which are -----?

- A) Not always true Correct
- B) Always true
- C) Totally false
- D) Not known

3. ----- is a simulation development process, measure, the performance with?

- A) Problem formulation
- B) Data collection & analysis
- C) "What - if" analysis Correct
- D) Model validation, verification

4. Interactive voice and video application demands-----?

- A) Minimum good put
- B) Minimum delay Correct
- C) Minimum echo
- D) Minimum throughput

5. Which of the following is correct option for Monte Carlo simulation?

- A) Probability
- B) Experiment
- C) Simulation Correct

D) Reliability

**6. INET stands for -----?**

- A) Interest network emulation tool    Correct
- B) International networking embedded technology
- C) Interest Networking
- D) Internet

**7. In OMNET ++ is used for inheritance?**

- A) Inherit
- B) Expand
- C) Derives
- D) Extends                                    Correct

**8. ----- means that the scenario and condition for experiments must be truly?**

- A) Unbiased
- B) Repeatable
- C) Rigorous                                    Correct
- D) Statically sound

**9. ----- is an advantage of using model?**

- A) Quick to test
- B) Easy to modify
- C) Flexible
- D) All of given                                Correct

**10. Quantity of error – free data successfully to transforms between nodes/sec is called?**

- A) Efficiency
- B) Capacity
- C) Utilization
- D) Throughput                                Correct

11. OMNET++ allows visualizing outputs of scalar and vectors files in ----- processes?

- A) 5
- B) 2 Correct
- C) 4
- D) 3

12. Formula to calculate capacity is  $c = B \cdot \log_2(1 + \text{-----})$

- A) N/S
- B) 1/S
- C) S/N Correct
- D) 1/N

13. There are -----steps of OMNET++ simulation?

- A) 3
- B) 4
- C) 5 Correct
- D) 6

14. The amount of time average delay ----?

- A) Remains same
- B) Decreases
- C) Minimize
- D) Varies Correct

15. NED stands for -----?

- A) Network enabling devices
- B) Network definition
- C) Network description
- D) Network entity description Correct

16. Attack success probability is calculated as p -----?

Answer:  $1 - (1 - 1/Q)$

17. ----- is not one of the requirements is to design of OMNET++?

- A) Large scale simulation
- B) Increase debugging time Correct
- C) Debugging
- D) Reduce debugging time

**18. The building process of OMNET++ is as ----- language?**

- A) Java
- B) Visual basic
- C) C/C++ Correct
- D) Basic

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

- A) Hop Scalar vector
- B) Hop Count Scalar Correct
- C) Hop Count Scalar
- D) Hop vector scalar

**20. During the analysis in OMNET++ are displayed as a tree of processing steps and charts.**

- A) Histograms
- B) Datasets
- C) Input files
- D) Charts Correct

**21. We need to count TCP and UDP packets in order to know the total number of -----?**

- A) Transport Correct
- B) Received
- C) Forward
- D) Sent

- A) Charts
- B) Input files

By Maha Rana

- C) Datasets    Correct
- D) Histograms

**THE END**

**Remember me in your precious prayers😊**