

## Model Question paper for online examination

### M.Sc.CS Part- 2 Paper 3 : Enterprise Networking & Satellite Communications

1. When collection of various computers seems a single coherent system to its client, then it is called \_\_\_\_\_

- a) computer network
- b) distributed system
- c) networking system
- d) mail system

2. Two devices are in network if \_\_\_\_\_

- a) a process in one device is able to exchange information with a process in another device
- b) a process is running on both devices
- c) PIDs of the processes running of different devices are same
- d) a process is active and another is inactive

3. A list of protocols used by a system, one protocol per layer, is called \_\_\_\_\_

- a) protocol architecture
- b) protocol stack
- c) protocol suite
- d) protocol system

4. OSI stands for \_\_\_\_\_

- a) open system interconnection
- b) operating system interface
- c) optical service implementation
- d) open service Internet

5. The number of layers in ISO OSI reference model is \_\_\_\_\_

- a) 4
- b) 5
- c) 6
- d) 7

Q6. Satellites are specifically made for \_\_\_\_\_ purpose?

- a. Telecommunication
- b. Networking
- c. Communication

d. None of these

Q7. The attractive force  $F_g$  of the earth due to gravity equals

a.  $m \cdot g (R/r)^2$

b.  $m+g (R/r)$

c.  $m-g (R/r)$

d. None of these

Q8. The centrifugal force  $F_c$  trying to pull the satellite away equals?

a.  $m \cdot r \cdot \omega$

b.  $m+r+\omega^2$

c.  $(m \cdot r)+\omega^2$

d.  $m \cdot r \cdot \omega^2$

Q9. The distance  $r$  of the satellite to the centre of the earth is ?

a.  $r = (g \cdot R^2 / (2 \cdot \pi \cdot f)^2)^{2/3}$

b.  $r = (g \cdot R^2 / (2 + \pi \cdot f)^2)^{1/3}$

c.  $r = (g \cdot R^2 / (2 \cdot \pi \cdot f)^2)^{1/3}$

d.  $r = (g \cdot R^2 / (2 \cdot \pi \cdot f)^2)^{2/3}$

Q10. Important parameters in satellite communication are?

a. Inclination angles

b. Elevation angles

c. Inclination angles and Elevation angles

d. None of these