



**RP-003-003503**

Seat No. \_\_\_\_\_

**B. C. A. (Sem. V) (Non CBCS) Examination**

**February - 2019**

**CS - 27 : Network Technology and Administration**  
*(Old Course)*

**Faculty Code : 003**

**Subject Code : 003503**

Time : 3 Hours]

[Total Marks : 100

- 1 Answer the following : (Any Four) 20**
- (1) Explain network services.
  - (2) Explain LAN, MAN and WAN.
  - (3) Explain network models.
  - (4) Explain bus, ring and star topologies.
  - (5) Explain network access methods.
- 2 Answer the following : (Any Four) 20**
- (1) Explain De facto and De jure standards.
  - (2) Explain OSI Reference model.
  - (3) Explain SLIP and PPP.
  - (4) Explain Co-Axial cable.
  - (5) Explain Twisted Pair Cable.
- 3 Answer the following : (Any Four) 20**
- (1) Explain wireless Transmission Media
  - (2) Explain Multiplexing.
  - (3) Explain Modems including Synchronous & Asynchronous.
  - (4) Explain Hub with types.
  - (5) Explain Bridge with types.

- 4 Answer the following : (Any **Four**) **20**
- (1) Explain Router.
  - (2) Explain Kernel Configuration, WPA & WEP.
  - (3) Explain Switching Techniques.
  - (4) Explain Packets & Protocols.
  - (5) Explain L2CAP, RFCOMM Protocol.
- 5 Answer the following : (Any **Four**) **20**
- (1) Explain IP Address Classes.
  - (2) Explain Subnetting, Supernetting.
  - (3) Explain Installation & Configuration for windows server 2003
  - (4) Explain MMC.
  - (5) Explain Network Security Fundamental
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