

Exam. Code : 108506

Subject Code : 2829

B.Com. 6th Semester

WINDOWS & NETWORKING

Paper—BCG-631

Time Allowed—Three Hours] [Maximum Marks—50

SECTION—A

Note :— Attempt any *ten* questions. Each question carries 1 mark.

1. (a) What is multiprogramming operating system ?
- (b) Discuss the booting process in brief.
- (c) What are wild characters in DOS ?
- (d) Define computer virus.
- (e) What is System Tray in Windows ?
- (f) What is a Screen Reader ?
- (g) Differentiate between analog and digital transmission.
- (h) What is Multiplexing ?
- (i) What do you mean by asynchronous data transmission ?
- (j) What precautions should be taken while using credit payments ?
- (k) Differentiate between spoofing and sniffing.
- (l) How can you bypass a firewall ?

SECTION—B

Note :— Attempt any *two* questions. Each question carries **10** marks.

2. What is an Operating System ? Discuss the functions of an operating system.
3. Differentiate between internal and external DOS commands. Explain the purpose and syntax of five commands of each type.
4. What are the features of Windows operating system ? Discuss the options available under Control Panel.
5. Write short notes on the following :
 - (a) Recycle Bin
 - (b) Run Dialog
 - (c) Windows Search

SECTION—C

Note :— Attempt any *two* questions. Each question carries **10** marks.

6. What are the various transmission modes ? Discuss and differentiate among them.
7. Discuss the various network topologies and their respective suitability.
8. What are the various threats to network security ? Explain each in detail.
9. What is a Firewall ? Discuss the components and benefits of firewall.