

BCOS–183

BACHELOR IN COMMERCE (BCOMOL)
COMPUTER APPLICATION IN BUSINESS

Time: Three Hours

Maximum Marks: 100

Note: Attempt all the three Sections.

Section–I (5×4=20)

Note: Attempt any five questions.

1. Discuss the classification of computers on the basis of Data handling or Technology used.
2. Compare between LAN, WAN and MAN.
3. Compare DBMS and RDBMS. Also discuss the major functionalities of DBMS.
4. Briefly discuss principles of cyber security.
5. What is the purpose of the following protocols?
 - a) FTP
 - b) SMTP
6. Discuss the following with suitable example of each:
 - a) ccTLD
 - b) gTLD
7. Differentiate between NEFT, RTGS and IMPS.

Section–B (5×10=50)

Note: Attempt any five questions.

8. Briefly discuss the concept of file storage service. Compare one-way synchronization and two-way synchronization.
9. Compare system software and application softwares. Briefly discuss the functions of system softwares.
10. Briefly discuss the six essential security actions exercised by any business organization to protect their digital content.
11. What is CAPTCHA Code? What is the purpose of CAPTCHA? Briefly discuss the types of CAPTCHA.
12. How does Internet differ from WWW? Briefly discuss the functioning of Internet. Also discuss the protocols used for e-mail communication.
13. Discuss the applications of YouTube in business. How people earn revenue from YouTube?
14. Differentiate between the following:
 - a) MIS and DSS
 - b) Authentication and Authorization
 - c) Internet and Intranet

Section–C (2×15=30)

Note: Attempt any two questions.

15. Briefly discuss the application of computers in the field of Business, Education, Banking, Healthcare and Defense.

16. Write short notes on the following:

a) Batch operating system

b) Real time operating system

c) Time sharing operating system

d) Distributed operating system

e) Network operating system

17. Explain the concept of Data abstraction in DBMS, with suitable block diagram.