QP CODE: 25020367

25020367

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE / MERCY CHANCE EXAMINATIONS, FEBRUARY 2025

Sixth Semester

CHOICE BASED CORE COURSE - PH6CBT01 - INFORMATION TECHNOLOGY

Common for B.Sc Physics Model I, B.Sc Physics Model II Applied Electronics, B.Sc Physics Model II Computer Applications & B.Sc Physics Model III Electronic Equipment Maintenance

2017 Admission Onwards

30BB7257

Time: 3 Hours Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What are the uses of computer in factories?
2. What is hub and its functions?
3. What are different types of computer networks?
4. What are the different network models?
5. What are the different classes of IP addresses?
6. What is electronic mail in computer networks?
7. What are the benefits of search engines?
8. What is meant by HTML tags?
9. How do you add special characters in HTML?
10. How to create checkbox in html?
11. What is the use of MS Office?
12. What is Microsoft Access database?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. What are the advantages and disadvantages of Information technology? Explain.
14. What are the similarities and differences between OSI and TCP IP models?
15. Write short notes on (a) http (b) www (c) FTP (d) Telnet.
16. What are the Advantages and Disadvantages of HTML?
17. Explain the structure of the HTML webpage.
18. How would you display a list item with a different bullet?
19. Create web pages to explain the use of column span and row span.
20. Discuss the main characteristics of the database approach and how it differs from raditional file systems.
21. Explain database schema with example.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. What are the types of network topology? Explain with diagrams. Which topology is best for large networks? Explain.
23. Three ways of implementing style in HTML. Explain with example.
24. Compare the features of Network, Hierarchical and Relational model with the help of examples.
25. What is OSI model?What are the layers of the OSI reference modeland how it works?

(2×15=30)