22100920

QP CODE: 22100920

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, APRIL 2022

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

C23C6EE6

Time: 3 Hours Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. What is the role of a user interface?
2. What are the component of an information technology?
3. What is LAN network with example?
4. Why TCP IP model is more popular than OSI model?
5. What are the benefit of Internet?
6. What is DNS?
7. What is Telnet with example?
8. What is HTML?
9. Explain tag with example.
10. Which tag creates a checkbox for a form in html?
11. What are the basic concepts of SQL?
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. Explain TCP/IP reference model.
15. What are the types of network topology? Explain.
16. Create a style and use them in various places in your HTML document.
17. Explain Following HTML tags a) **b) c) d) e)**
18. Explain the Use of Following Tags in HTML a) Caption b) tr c) td d) th.
19. How Do I Create Frames? What Is A Frameset?
20. What are the different types of database end users? Discuss the main activities of each.
21. Explain database schema with example.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. What is SMTP and how does it work? How to create a new e-mail account?How to attach a file in e-mail?
23. Create employee registration webpage using HTML form objects.
24. What is database modeling? What do you understand by Relational model of database system? Elaborate the major characteristics of relational database management system.
25. What is OSI Model? Explain the functions and protocols and services of each layer?

(2×15=30)