23105144

QP CODE: 23105144

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, MARCH 2023

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

5D3E81B3

Time: 3 Hours Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. What is information and its characteristics?
2. What are the different network models?
3. What are the benefit of Internet?
4. What is a 192.168 IP address?
5. What is SMTP?
6. What is the purpose of digital signature?
7. What are the 4 main web browsers?
8. What is meant by HTML tags?
9. What is the use of tag explain it with attributes.
10. What are radio buttons 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. Discuss with examples the use of computers in industry.
14. What are the similarities and differences between OSI and TCP IP models?
15. Write short notes on (a) FTP (b) Telnet (c) Usenet (d) news group
16. Explain the structure of the HTML webpage.
17. Create a style and use them in various places in your HTML document.
18. Write a program to create HTML table with the following output :

Sl.No	Name	Physics	Chemistry	Maths
1	Davis	44	45	40
2	Arjun	36	32	27
3	Lakshmi	48	47	50

19. How frame is used in HTML with example?
20. Explain database schema with example.
21. What is Entity Relationship Model? Explain the major constructs of ER model with examples.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Explain different types of network topology. Why is network topology important?
23. Explain list elements in HTML with example.
24. What is Database? What are the advantages of using the DBMS approach?
25. What is OSI model? What are the layers of the OSI reference modeland how it works?

(2×15=30)