

B. PHARM
SECOND SEMESTER
COMPUTER APPLICATIONS IN PHARMACY
BP205T

(USE SEPARATE ANSWER SCRIPTS FOR OBJECTIVE & DESCRIPTIVE)

Duration: 2 hrs.

Full Marks: 50

Time: 10 Min.

Marks : 10

Choose the correct answer from the following:

1×10=10

- The 2's compliment of the number 10101101 is
 - 01010010
 - 11010010
 - 01010011
 - 11101111
- How many NOR gates are required to construct an AND gate?
 - 2
 - 3
 - 1
 - 4
- The hexadecimal form of the binary number 11111010 is
 - AF
 - EA
 - CD
 - FA
- In 4:1 MUX, the number of select line is
 - 3
 - 2
 - 1
 - 4
- The correct sequence of HTML tags for starting a webpage is
 - Head, Title, HTML, body
 - HTML, Body, Title, Head
 - HTML, Head, Title, Body
 - None of these
- CSS stands for
 - Cascade style sheets
 - Cascading style sheets
 - Color and style sheet
 - None of these
- MS Access is a
 - Database tool
 - Programming tool
 - Web page creation tool
 - All of these
- What is the maximum size of a text field?
 - 256
 - 120
 - 255
 - None of these
- WWW stands for
 - Work Wide Web
 - World Wide Wild
 - Wild World Web
 - World Wide Web
- Which of the following is not a pointing device?
 - Scanner
 - Mouse
 - Light pen
 - Trackball

(PART-B : Descriptive)

Time: 1 hr. 50 minutes

Marks : 40

[Answer any Four (4)]

1. a) Explain with the help of block diagram the computer architecture. 5+5=10
b) Write short notes on generation of computer.
2. a) Design with the help of truth table 4:1 MUX. 5+5=10
b) What do you mean by Universal gate? Construct an OR gate using NAND gate only.
3. a) Find the binary equivalent of the decimal number 13.25. 3+3+4=10
b) Convert $(11011.1011)_2$ into decimal.
c) Subtract $(11)_{10}$ from $(12)_{10}$ using 2's complement method.
4. What is DBMS? Explain various advantages off DBMS. 2 + 8 = 10
5. Discuss various application of computers in pharmacy. 10
6. What do you mean by bioinformatics? Discuss the goal of bioinformatics. 10
7. What is HTML? How does it differ from XML? Write a html file for displaying your name. 10

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