Roll No...................

Total No. Of Questions : 10]

[Total No. Of printed Pages: 4

PHM-1.1.5

Computer Science and applications

B-Pharm 1st Semester, 2125

Time: 3 Hours   Maximum Marks: 80

Note: Question paper consists of three sections, A, B and C. Section A is compulsory and contains 15 parts. Answer each part from section A in 2-5 lines. Each part from section A is of 2 marks. Attempt any four questions from section B. Each question from section B is of 5 marks. Attempt any three questions from section C. Each question from section C carries 10 marks.

Section A

1.a.   Define LAN.

b.   What is a high level language?

c.   Name any four computer languages.

PHM-1.1.5   Turn Over

d. Enlist various computer generations?

e. How do you classify computers?

f. Define cache memory and virtual memory.

g. What is World Wide Web?

h. What does acronym MSDOS stand for?

i. Differentiate between hardware and software.

j. What are the various types of ROM?

k. What does acronym RAM and DVD stands for?

1. What is an operating system?

m. What are free e-mail providers? Name two.

n. What is mail merging?

o. What is an object-oriented language?

(15 x 2)

Section B

2. With the help of a sketch, explain the architectural details of CPU. (5)

3. Explain various input & output devices used with the computer. (5)

4. Explain different layers of an OSI structure. (5)

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5. What are search engines? What is their function?

(5)

6. How does the Internet work? What type of services do you need to set up a web server?

(5)

Section C

7. Convert following decimal numbers in Binary

    a. 32

    b. 44

    c. 23

    d. 17

    e. 54   (2,2,2,2,2)

8. Write short notes on

    a. Computer memories

    b. Internet and Intranet   (5,5)

9.   a. Differentiate between compiler, interpreter and assembler.

    b. Differentiate between LAN and WAN

(5,5)

10.   a. What is the difference between hardware and software? Explain.

b. How the DOS operating system is different from Windows? Elaborate.

(5,5)

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