AT – 279

First Semester B. Sc. (Part – I) Examination

(Old)

COMPUTER SCI. / COMPUTER APPLI. / INFORMATION TECH.

(Computer Fundamentals and C Programming)

P. Pages : 7

Time : Three Hours]　　　　　　　　[Max. Marks : 80

Note : (1) All questions carry equal marks.

(2) Question No. **One** carries **Eight** marks and all other questions carry **Twelve** marks each.

(3) Assume suitable data wherever necessary.

1.　(A)　Fill in the blanks :—

(i)　——— command is used to delete the file in DOS.

(ii)　——— is a assignment operator.

(iii) HTTP stands for ———.

(iv)　——— is a step by step representation of logic path of the problem.　　2

(B)　Choose the correct alternatives from the

AT–279　　　　　　　　　　　　　　　　**P.T.O.**

following :—

(1) The C language consist of —— member of keywords.

    (a)   32

    (b)   40

    (c)   48

    (d)   56

(2) —— is an operator used for increment in C language.

    (a)   +

    (b)   *

    (c)   ++

    (d)   =

(3) —— is a heart of computer system.

    (a)   Control Unit

    (b)   Output Unit

    (c)   Central Processing Unit

    (d)   ALU

(4) —— is an output device.

    (a)   Keyboard

    (b)   Mouse

    (c)   Monitor

    (d)   Scanner.   2

(C) Answer the following in **One** sentence :—

    (1) What is Internet ?

    (2) What do you mean by Assembler ?

    (3) What is the use of data types ?

    (4) What is secondary memory ?   4

2. (A) What is computer ? Explain the classification of Computers.   6

    (B) Explain :—

        (i) Inkjet Printer   (ii) Laser Printer. 6

OR

3. (A) Draw and Explain the block diagram of Computer.   6

    (B) What is Memory ? Explain the types of Memory.   6

4. (A) What is Booting Process ? Explain the procedure during booting process.   6

AT–279   3   P.T.O.

(B) Explain the following :—

    (i) FORMAT

    (ii) AUTOEXEC.BAT.   6

OR

5. (A) Explain the procedure to convert Decimal number system into Binary number system with example.   6

    (B) What do you mean by Windows Explorer ? Explain.   6

6. (A) What do you mean by E-mail ? Explain the procedure to sending e-mail.   ·   6

    (B) Explain the following :—

    (i) Internet Explorer

    (ii) TCP/IP.   6

OR

7. (A) What is Internet ? Explain the types of Internet connections.   6

    (B) Explain the following :—

    (i) WWW

AT–279   4

(ii) HTTP

(iii) FTP. 6

8. (A) What is flow chart ? Draw a flow chart to find the factorial of given number. 6

(B) Explain :—

(i) Debugging

(ii) Testing

(iii) Execution. 6

OR

9. (A) What is Algorithm ? Write an algorithm to find the sum of even numbers from 10 to 20. 6

(B) Explain :—

(i) Assembly Language.

(ii) Machine level language. 6

10. (A) What is constants ? Explain the types of constants with suitable example. 6

AT–279 5 P.T.O.

(B) Explain the following :—

    (i) Identifier

    (ii) Keywords

    (iii) Tokens.   6

OR

11. (A) What is operators ? Explain relational and logical operators with example.   6

    (B) Explain the following :—

        (i) Char

        (ii) Int

        (iii) Double.   6

12. (A) What is loop ? Explain any two looping statements in C with example.   6

    (B) Write a C language program to find the sum of first n natural numbers.   6

OR

13. (A) Explain formatted I/O statements in C with example.   6

AT – 279   6

(B) Explain :—

    (i) Go to statement

    (ii) Break statement

    (iii) Continue statement.   6

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