



BA-1824

First Year B. C. A. (Sem. I) Examination
September / October – 2009
Computer Programming &
Programming Methodology

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दृष्टांतक निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
F. Y. B. C. A. (Sem. 1)

Name of the Subject :
Computer Programming & Programming Methodology

Subject Code No. : 1 8 2 4 Section No. (1, 2,.....) Nil

Seat No. : [] [] [] [] [] [] [] [] [] []

Student's Signature

(2) Q. 1 is compulsory.

- 1 (1) What happens when we give ';' in print ? 10
- (2) Why we need a convector in a flow chart ?
- (3) Define debugging.
- (4) What is a constant ?
- (5) Give the use of GOTO.
- (6) What is sorting ?
- (7) Write the BASIC expression $\frac{ab}{a+b} * \frac{b}{c}$.
- (8) What is the use of READ ?
- (9) Give any one mathematical function in BASIC.
- (10) How to declare string array ?

- 2 (a) Draw the flowchart to find the sum of $1+2+3+4+\dots+10$. 5
(b) Write a note on variables and types of variables. 5

OR

- (a) Write an algorithm to print the Fibonacci series. 5
(b) Discuss on numeric and string variables with examples. 5
(c) Find output : 4

(1) DIM A(5) 2

FOR I = 1 to 3

READ A(I)

NEXT I

DATA 5, 25, 3, 4, 5

(2) LET X = 0 2

20 LET X = X+5

PRINT TAB (X); X

IF X<10 THEN 20

END.

3 Answer in detail :

(1) Any two : 10

(a) Short notes on nested IF and IF-ELSE IF.

(b) Write a program to reverse a string.

(c) Write a note on print statements with examples.

(2) Any three : 6

(a) Mid \$

(b) RIGHT \$

(c) Space \$

(d) Left \$

4 Any three :

15

- (a) Write about arrays.
- (b) What is a string ? How to store more than one string ?
- (c) Write about debugging.
- (d) Print the largest element in an array.

5 Any three :

15

- (a) Give the rules of nesting loops.
- (b) Write about ASC(), VAL(), CHR\$()
- (c) Write on double dimension array.
- (d) Write about input statements.