

PARUL UNIVERSITY
FACULTY OF IT & COMPUTER SCIENCE
BCA, Winter2017–18 Examination

Semester: 1

Subject Code: 05101102

Subject Name: Fundamentals of Programming

Date: 26-12-2017

Time: 10:30AM to 01:00PM

Total Marks: 60

Instructions:

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1 Answer the following.**(A) Write a short notes.****(5)**

1. Define Algorithm.
2. What is Local variable?
3. List out storage classes in C Programming.
4. Which Header file is required for the exit() statement?
5. Define Array.

(B) Multiple choice type questions/ Give the sentence true or false. (Each of 01 marks)**(10)**

1. Which of the following is not a valid variable name declaration?

A) int _a3;	B)int a_3;
C) int 3_a;	D) int _3a
2. The keywords cannot be used as variable names.

(A)True	(B) False
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3. Input/output function prototypes and macros are defined in which header file?

A) conio.h	B) stdlib.h
C) stdio.h	D) dos.h
4. Continue statement used for

A) To continue to the next line of code	B) To stop the current iteration and begin the next iteration from the beginning
C) To handle run time error	D)None of above
5. A zero value is considered to be false and a non-zero value is considered to be true.

(A)True	(B) False
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6. What will be the output?


```
void main ()
{
    printf(“%d”,’B’ < ‘A’ );
}

```

A)Declaration Error	B) A
C) B	D) None of these
7. What is the output of this C code?


```
#include <stdio.h>
int main(){
int i =10, j =3, k =3;
printf(“%d %d ”, i, j, k);
}

```

A) Compile time Error	B) 10 3 3
C) 10 3	D) 10
8. Array index always start from

A) 0	B) 1
C) 2	D) 3

