



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc.DEGREE EXAMINATION – STATISTICS

SECOND SEMESTER – APRIL 2017

VS 211 – Q BASIC

Date: 02-05-2017
09:00-12:00

Dept. No.

Max. : 100 Marks

SECTION - A

Answer all the Questions.

(10 X 2 =20)

1. Expand QBASIC.
2. Explain the REM statement.
3. What is the role of an interpreter?
4. What is the maximum value that an integer can hold?
5. What is the use of MOD operators?
6. What are the uses of key words in QBASIC?
7. What is the format of FOR statement?
8. What is the maximum size a long integer can store?
9. Write a program to compute the simple interest.
10. What is the output of the following?

```
FOR i = 1 to 10
```

```
PRINT "LOYOLA LOYOLA!"
```

```
NEXT i
```

SECTION- B

Answer any Five Questions.

(5 X 8 =40)

11. Explain the READ and DATA statements with an example.
12. Explain the Call Statement with an example
13. Write a program to calculate the biggest of 3 numbers using IF.. THEN..ELSE.
14. Write a program for a user defined function.
15. Explain the operators with an example for each.
16. Explain the concepts of PRINT, INPUT and CLS.
17. Write a program to find whether the given year is a leap year.

18. Find the output for the following.

```
PRINT "Enter the first number"
```

```
INPUT a
```

```
PRINT "Enter the second number"
```

```
INPUT b
```

```
c = a + b
```

```
d = a * b
```

```
PRINT a; "+"; b; "="; c
```

```
PRINT a; "*"; b; "="; d
```

```
END
```

SECTION- C

Answer any TWO of the following:

(2 X 20 =40)

19. Explain the Looping statements in QBASIC.
20. Write a program using subroutine.
21. Write a program to find the mean and standard deviation of 10 numbers.
22. Write a program to arrange 10 numbers in ascending order.
