PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2018
(Third Semester)

Branch - MATHEMATICS WITH COMPUTER APPLICATIONS

<u>VISUAL BASIC</u>

Time : Three Hours   Maximum : 75 Marks

<u>SECTION-A (20 Marks)</u>
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (1 0 x 2 = 20)

1   What is visual basic?
2   List out the standard arithmetic operators.
3   Give the syntax for select case statement.
4   What do you meant by branching?
5   Write short notes on menu enhancement.
6   What is the difference between drop-down menu and pop-up menu?
7   Define procedure.
8   Write short notes on dynamic arrays.
9   What do you mean by binary files?
10   Define sequential data file.

<u>SECTION - B (25 Marks)</u>
Answer **ALL** Questions
ALL Questions Carry **EQUAL** Marks (5 x 5 = 25)

11 a Explain the concept of the visual basic program development process.
OR
b Discuss about data types and data declarations in VB.

12 a Explain about the logical operators in VB.
OR
b Describe about the rules that apply to for - next structure.

13 a Discuss about building drop - down menus.
OR
b Explain about the Msg box function in VB.

14 a What is the difference between module and procedure? Give examples.
OR
b Discuss about array declarations with example.

15 a Describe about data file characteristics.
OR
b Explain the concept of random access data files.

<u>SECTION - C (30 MarksI</u>
Answer any **THREE** Questions
ALL Questions Carry **EQUAL** Marks (3 x 1 0 = 30)

16   Briefly explain the concept of visual basic environment.

17   Discuss in detail about the four variations of a Do- loop structure.

18   Discuss in detail about error handlers.

19   Describe in detail about function procedures.

20   Briefly explain the concept of processing a data file.