PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2017
(First Semester)

Branch - INFORMATION TECHNOLOGY

FUNDAMENTALS OF INFORMATION TECHNOLOGY

Time : Three Flours   Maximum : 75 Marks

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

1   Define computer.
2   Define Rom chip.
3   What are the types of software?
4   Define Virus.
5   What are network topologies?
6   Write the command to copy a file in DOS.
7   Define Array.
8   What is data type?
9   Define communication.
10   Define space technology.

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

11 a Explain input devices with example.

OR

b Explain types of storage devices.

12 a What is system software? Explain its functions.

OR

b Explain about WORMS.

13 a Define computer networks and its types.

OR

b Write the DOS commands: (a) Creation of a file (b) Rename the file
   (c) Copy one file to another (d) Delete a file (e) Set the date and time.

14 a Discuss in detail about arrays with example.

OR

b Write about file system.

15 a Explain about how IT is applied in space and technology.

OR

b Write about artificial intelligence.

SECTION - C (30 Marks)
Answer any **THREE** Questions
ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

16   Discuss about the generations of modem computers and computers in
     society.

17   Write an essay about compiler, assembler and interpreter.

18   Discuss in detail about network topologies.

19   Explain about text, binary and code file system.

20   Discuss about comnuter annlications in business and industries.