PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2019
(Third Semester)

Branch- **ZOOLOGY**

COMPUTER APPLICATIONS IN BIOLOGY

Time : Three Hours   Maximum : 75 Marks

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

1   What is an icon?
2   Compare the printing of 'landscape' with 'portrait'.
3   What are .xls and .ppt?
4   What is autosum?
5   Define built-in functions of ACCESS database?
6   What is Macros?
7   What is http?
8   What is Router?
9   What is 3D Protein structure?
10   Define EMBL.

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

11   a Give an account on external storage devices.
OR
   b State the steps involved in creating a table in WORD.

12   a Write notes on the charts available in MS EXCEL.
OR
   b   Explain the layout of a spread sheet of Microsoft Excel with an illustration.

13   a What are the main elements of Microsoft Access?
OR
   b Enlist any five MS-Access query.

14 a   Write brief note on resources of internet.
OR
   b Give an account on e-mail.

15   a How do you get protein sequence from NCBI?
OR
   b Comment on RasMol.

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

16   Write detailed notes on operating systems and their significances with examples.

17   Describe the steps involved in creating a PowerPoint presentation with an example.

18   State the steps used in creating a report in Microsoft Access.

19   Give detailed account on the role Google as search engine and its significances.

20   Describe the procedures involved in the sequence analysis using BLAST.