PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION MAY 2018
(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 custom animation in Ms Power point?
2   What are rulers in view menu of Ms Word?
3   Comment on pendrives.
4   Write short notes on auto sum in Ms Excel.
5   Comment on sample field of Ms Access.
6   What are relationship works in MS Access?
7   List out any two applications of E-Mail.
8   Define URL of internet with example.
9   What are hub databases?
10   Define SRS system of EMBL.

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

1 1 a What are the components of MS Word home page?
                    OR
   b Describe the characteristics of an operating system.

12 a Give an account on slide layout and design template in Ms Powerpoint.
                    OR
   b How various customs animations are introduced in Ms Power point with examples?

13 a What is primary key? flow it is used in Ms Access?
                    OR
   b Discuss various applications of Ms Access package.

14 a Enumerate the browser internet explorer's address and progress bars.
                    OR
    b Comment why the search engine is considered as best search engine.

15 a Write down the methodology for retrieval of nucleotide sequence from NCBI
                    OR
   b Give an account on the applications of Rasmol / Raswin tool of PDB.

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

16   Discuss in detail how sequence comparison is done using BLAST.

17   How E-mail is created and managed?

18   Describe in detail the procedure for creating tables in design and maintenance of data in Ms Access.

19   Differentiate the organisation and applications of Ms Word and Ms Excel.

20   Give an account of resources of internet.