

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2017
(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 (10 x 2 = 20)

- 1 What is Memory stick?
- 2 What is Task Bar?
- 3 What is .xls?
- 4 What is animation?
- 5 Define SQL.
- 6 What is design view?
- 7 Define Search engine.
- 8 What is WWW?
- 9 Define 3D protein sequence.
- 10 What is NCBI?

SECTION-B (25 Marks!)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

- 11 a Differentiate the output devices from input devices.
OR
b How do you save and print a document in MS WORD?
- 12 a Write notes on the spread sheet of MS EXCEL.
OR
b Enlist the functions of MS EXCEL.
- 13 a Give an account on the data storage principles of Microsoft Access.
OR
b How do you create a table in Microsoft Access?
- 14 a Give an account on Internet Explorer.
OR
b Write notes on the uses of electronic mail.
- 15 a , Write notes on types of biological databases in Bioinformatics.
OR
b Comment on Ras Mol.

SECTION - C (30 Marks)

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

- 16 Write detailed account on operating systems of a computer.
- 17 Elaborate the steps involved in crating the slides in MS POWERPOINT.
- 18 Describe the main elements of ACCESS.
- 19 Explain the ways of addressing in internet with examples.
- 20 . How do you analyse a sequence using BLAST?