

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2019
(First Semester)

Branch - **BIOCHEMISTRY**

APPLICATIONS OF COMPUTER SCIENCE IN BIOCHEMISTRY

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 1 = 10)

- 1 RAM Stands For
(i) Random access module (ii) Rapid access memory
(iii) Random application memory (iv) Random access memory
 - 2 CD is
(i) Input device (ii) Output device
(iii) Storage device (iv) None of the above
 - 3 In which view headers and footers are visible
(i) Normal view (ii) Page layout view
(iii) Print layout view (iv) Draft view
 - 4 The process of removing unwanted part of an image is called
(i) Cropping (ii) Hiding
(iii) Bordering (iv) Cutting
 - 5 Name the application under MS office software bundle, that we use to create audio visual presentation
(i) MS Word (ii) MS Excel
(iii) MS Power Point (iv) MS Access
 - .6 To apply center alignment to a paragraph we can press
(i) Ctrl + S (ii) Ctrl + C
(iii) Ctrl + C + A (iv) Ctrl + E
 - 7 What is the intersection of a column and a row on a worksheet called
(i) Column (ii) Value
(iii) Address (iv) Cell
 - 8 Which function excel tells how many numeric entries are there?
(i) NUM (ii) COUNT
(iii) SUM (iv) CHKNUM
- Keyword is
(i) Variable (ii) Constant
(iii) Predefined word (iv) None of the above
- Array is a memory _____ allocation.
(i) Sequential (ii) Direct
(iii) Dynamic (iv) Static

Cont...

SECTION - B (35 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5 x 7 = 35)

- 11 a Explain briefly about the basics of internet.
OR
b Write short notes on RAM and ROM.
- 12 a How to open and chose a document in MS Word?
OR
b Give the steps to spell check and printing the word document.
- 13 a Explain various steps to prepare and present of slides in slide show.
OR
b Explain briefly about the steps to taking printouts of presentation.
- 14 a How to create worksheet in MS Excel?
OR
b Explain briefly about the various chart types in MS Excel.
- 15 a Define character set. Explain briefly about character set.
OR
b Discuss briefly about PYTHON.

SECTION - C (30 Marks)

Answer any **THREE** Questions

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

- 16 Explain in detail about various I/O devices in a computer.
- 17 Discuss the various steps to create mail merge concept in MS Word.
- 18 Prepare the slides with your own bio-data and give the steps for presentation of sliders.
- 19 Describe in detail about the various steps involved in creating, saving and protecting a worksheet.
- 20 Write a detailed note on I/O operators in PERL.

Z-Z-Z

END