PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2018
(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)

First generation computes used
(i) Vacuum tubes   (ii) Transistors
(iii) Integrated circuit   (iv) Wires

1 K is equivalent to
(i) 2^6 (ii) 2^8
(iii) 2^{10} (iv) 2^{12}

The _____ space is the area in which the user can enter the text of the document.
(i) Rule   (ii) Work
(iii) Domain   (iv) Menu

___helps to exchange word data with spread sheets and data bases.
(i) Alignment   (ii) Bullets
(iii) Tabs   (iv) Bordering

In power point, _____ controls text characteristics such as font type, size and color as well as background and special effects such as shading and bullet style.
(i) View master   (ii) Control master
(iii) Slide master   (iv) File master

6   The slides can be hidden in the presentation by clicking _____ option from the slide show menu.
(i) Slide hide   (ii) Hide slide
(iii) Untrace slide   (iv) Block slide

The top portion of the excel screen is called_____ .
(i) Status line   (ii) Work sheet area
(iii) Control panel   (iv) Line panel

_____ breaks a long line of text to fit within a cell.
(i) Screen text   (ii) Wrap text
(iii) Menu text   (iv) Cell text

In C language, the comments can be included using
(i) *   (ii) -
(iii) /* and */   (iv) { }

10   State the in correct keyword in C language
(i) Extern   (ii) Void
(iii) Struct   (iv) End

Cont...

SECTION - B (35 Marks)
Answer **ALL** Questions
ALL Questions Carry **EQUAL** Marks (5 x 7 = 35)

11 a Compare ROM with RAM.
OR
   b How keyboard acts as a good input device?

12 a State the rules for creating a text.
OR
   b Summarise the rules for creating labels.

13 a Prepare the guideline for creating a presentation.
OR
   b How to take the print outs of presentation?

14 a How to enter the data into worksheet?
OR
   b Narrate the rules for adjusting margins in excel sheet.

15 a How constants are defined and used in C?
OR
   b State the operators in PERL. Discuss it.

SECTION - C (30 Marks)
Answer any **THREE** Questions
ALL Questions Carry **EQUAL** Marks (3 x 1 0 = 30)

16   Discuss any three secondary storage devices used in computers.

17   Highlight the importance of mail merge.

18   Examine the graphs and charts that can be created through excel sheet.

19   Point out the importance of animation effects in power point presentation.

20   Analyze the matching patterns in PYTHON.

Z-Z-Z   END