

# THE UNIVERSITY OF CHENAB



Department of Computer Science  
MS Computer Science

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Programs Offered by the Department of Computer Science	
Degree Name	Degree Details/Eligibility Criteria
<b>BS in Computer Science</b>	<b>Program Eligibility:</b> Minimum 50% score (or marks) in FA/FSc/ICS /ICom/A-Level or an equivalent qualification. <b>Programme Duration:</b> 4 Years (8 semesters); 130-136 credit hours
<b>BS in Software Engineering</b>	<b>Program Eligibility:</b> Minimum 50% score (or marks) in FA/FSc/ICS /ICom/A-Level or an equivalent qualification. <b>Programme Duration:</b> 4 Years (8 semesters); 130-136 credit hours
<b>BS in Data Science</b>	<b>Program Eligibility:</b> Minimum 50% score (or marks) in FA/FSc/ICS /ICom/A-Level or an equivalent qualification. <b>Programme Duration:</b> 4 Years (8 semesters); 130-136 credit hours
<b>ADP Computer Science</b>	<b>Program Eligibility:</b> Minimum 50% score (or marks) in FA/FSc/ICS /ICom/A-Level or an equivalent qualification. <b>Programme Duration:</b> 2 Years (4 semesters);
<b>5<sup>th</sup> Semester Induction</b>	<b>Program Eligibility:</b> Minimum 2.0 CGPA or an equivalent qualification. <b>Programme Duration:</b> 2 Years(4semeser)
<b>MS in Computer Science</b>	<b>Program Eligibility:</b> Minimum 2.5 CGPA or an equivalent qualification. <b>Programme Duration:</b> 2 Years (4 semesters); 31 credit hours
<b>MS in Software Engineering</b>	<b>Program Eligibility:</b> Minimum 2.5 CGPA or an equivalent qualification. <b>Programme Duration:</b> 2 Years (4 semesters); 30 credit hours



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**Department of Computer Science**

**Multiple Choice Questions**

**Analytical Reasoning (10 Questions)**

1. All roses are flowers. Some flowers fade quickly. Can we conclude some roses fade quickly?  
A) Yes  
B) No  
C) Cannot say  
D) All roses fade quickly
2. Find the next number: 5, 10, 20, and 40?  
A) 60  
B) 70  
C) 80  
D) 100
3. If A is taller than B and B is taller than C, who is the shortest?  
A) A  
B) B  
C) C  
D) Cannot say
4. Which number does not belong? 3, 7, 11, 14, 19  
A) 3  
B) 7  
C) 11  
D) 14
5. If 3 pens cost Rs. 60, what is the cost of 5 pens?  
A) Rs. 80  
B) Rs. 100  
C) Rs. 90  
D) Rs. 70
6. Pointing to a woman, a man said, "She is the daughter of my father's only son." How is the woman related to the man?  
A) Sister  
B) Daughter  
C) Cousin  
D) Mother
7. Find the missing letter: A, C, E, G?  
A) H  
B) I



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**Department of Computer Science**

- C) J  
D) K
8. Which of the following is a prime number?  
A) 21  
B) 29  
C) 33  
D) 39
9. What comes next: 2, 4, 8, 16?  
A) 18  
B) 24  
C) 32  
D) 20
10. If the day after tomorrow is Thursday, what day was yesterday?  
A) Sunday  
B) Monday  
C) Tuesday  
D) Wednesday

**Quantitative Reasoning (10 Questions)**

1. What is 25% of 240?  
A) 50  
B) 60  
C) 70  
D) 80
2. If a shirt costs Rs. 500 and is sold at 10% discount, what is the selling price?  
A) Rs. 450  
B) Rs. 470  
C) Rs. 480  
D) Rs. 490
3. Find the simple interest on Rs. 2000 at 5% per annum for 2 years.  
A) Rs. 100  
B) Rs. 150  
C) Rs. 200  
D) Rs. 250
4. What is the square root of 144?  
A) 10  
B) 11  
C) 12  
D) 13



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5. A car travels 150 km in 3 hours. What is its average speed?  
A) 40 km/h  
B) 45 km/h  
C) 50 km/h  
D) 55 km/h
6. Find the value of  $x$  in  $7x = 49$ .  
A) 5  
B) 6  
C) 7  
D) 8
7. If the perimeter of a rectangle is 30 cm and the length is 8 cm, find the width.  
A) 7 cm  
B) 8 cm  
C) 9 cm  
D) 10 cm
8. Calculate the area of a triangle with base 10 cm and height 12 cm.  
A)  $60 \text{ cm}^2$   
B)  $70 \text{ cm}^2$   
C)  $80 \text{ cm}^2$   
D)  $90 \text{ cm}^2$
9. Simplify:  $(8 \times 6) \div (3 \times 4)$   
A) 2  
B) 3  
C) 4  
D) 5
10. Convert 0.75 into fraction.  
A)  $1/2$   
B)  $3/4$   
C)  $2/3$   
D)  $1/3$



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**Subject-Based (30 Questions)**

**Computer Science**

1. Which of the following tab is not present in the control panel program in the start menu ?
  - A) Web
  - B) Index
  - C) Search
  - D) Contents
2. What is the use of “All Caps” feature in Microsoft Word ?
  - A) It changes all selected text into Capital Letter
  - B) It adds captions for selected Image
  - C) It shows all the image captions
  - D) None of the above
3. The-----is firmware that contain a computers startup instruction ?
  - A) POST
  - B) BIOS
  - C) CMOS
  - D) DIOS
4. In Excel which key is used for format number in date format ?
  - A) Ctrl+Shift+6
  - B) Ctrl+Shift+4
  - C) Ctrl+Shift+3
  - D) Shift+1
5. In Excel which key is used for format number in time format ?
  - A) Ctrl+Shift+6
  - B) Ctrl+Shift+3
  - C) Ctrl+Shift+5
  - D) Ctrl+Shift+2
6. WWW stands for ----- ?
  - A) World Wide Web Wireless
  - B) World Wide Web Worm
  - C) World Wide Wonderful Wine
  - D) World Wide Web Wrestling
7. GIF stands for ----- ?
  - A) Graphic Interchangeable File
  - B) Graphic Internet File



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**Department of Computer Science**

- C) Graphic Interchangeable Format  
D) Graphic Internet Format
8. Window key + F1 ?  
A) show system properties  
B) Help  
C) Show Desktop (toggle)  
D) Run
9. How many different positions can you set for drop cap in Ms Word ?  
A) 1  
B) 2  
C) 3  
D) 4
10. What should you do if you require pasting the same format in many places ?  
A) Double click the format painter then go on pasting in many places  
B) Click the format painter then go on pasting to many places holding Ctrl Key  
C) Click the Format painter and go on pasting in many places holding Alt Key  
D) All of above
11. All the output which is Printed on a paper is called----- ?  
A) Soft Copy  
B) Hard Copy  
C) Both A And B  
D) None of these
12. In MS PowerPoint if you want to edit a chart you can ?  
A) Triple click the chart object  
B) Click and drag the chart object  
C) Double click the chart object  
D) Click the chart object
13. When was MS Windows operating system introduced ?  
A) 1975  
B) 1985  
C) 1990  
D) 2000
14. Shimmer Sparkle text Blinking Background are known as----- ?  
A) Word art  
B) Font styles  
C) Text effects  
D) Font effects



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- 15.** MS-Word automatically moves the text to the next line when it reaches the right edge of the screen and is called ?
- A) Carriage Return
  - B) Enter
  - C) Word Wrap
  - D) None of the above
- 16.** Which option in File pull-down menu is used to close a file in MS Word ?
- A) New
  - B) Quit
  - C) Close
  - D) Exit
- 17.** In Microsoft Word shortcut key CTRL+W is used for----- ?
- A) open the Print dialog box
  - B) Update the current Web page
  - C) close the current window
  - D) None of these
- 18.** How can you insert a sound file in your word document ?
- A) From insert -> sound menu option
  - B) From insert -> file menu option
  - C) From insert -> object menu option
  - D) None of These
- 19.** Why Drop Caps are used in document ?
- A) To drop all the capital letters
  - B) To automatically begin each paragraph with capital letter
  - C) To begin a paragraph with a large dropped initial capital letter
  - D) None of These
- 20.** If you will be displaying or printing your document on another computer youll want to make sure and select the ----- option under the Save tab ?
- A) Embed Fonts
  - B) Embed True Type Fonts
  - C) Save True Type Fonts
  - D) Save Fonts
- 21.** Which of the following is used to create newspaper style columns in Ms Word ?
- A) Format Columns
  - B) Table Insert Table
  - C) Format Tabs
  - D) Insert Textbox



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**Department of Computer Science**

- 22.** Which bar is usually located below that Title Bar that provides categorized options in Ms Word ?
- A) Menu bar
  - B) Status Bar
  - C) Tool bar
  - D) Scroll bar
- 23.** Why headers and footers used in Microsoft Word Document ?
- A) To enhance the overall appearance of the document
  - B) To mark the starting of a page
  - C) To make large document more readable
  - D) To allow page headers and footers to appear on document when it is printed
- 24.** What is the function of Ctrl + B in Ms-Word ?
- A) It converts selected text into the next larger size of the same font
  - B) It adds a line break to the document
  - C) It makes the selected text bold
  - D) It applies Italic formatting to the selected text
- 25.** What is the extension of files created in Ms-Word 97- 2003 ?
- A) dot
  - B) doc
  - C) dom
  - D) txt
- 26.** In Microsoft Word Macros are----- ?
- A) Small programs created in MS-Word to automate repetitive tasks by using VBA
  - B) Small add-on programs that are installed afterwards if you need them
  - C) Programming language that you can use to customize MS-Word
  - D) Large tools in Word such as mail merge
- 27.** Graphics for word processor is ----- ?
- A) Peripheral
  - B) Clip art
  - C) Highlight
  - D) Execute
- 28.** A(n)-----system is a set of Programs containing instructions that coordinate all the activities among computer hardware resources ?
- A) Operating
  - B) Disk- Based
  - C) Management
  - D) Platform



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**Department of Computer Science**

- 29.** In Microsoft PowerPoint two kind of sound effects files that can be added to the presentation are ?
- A) .wav files and .mid files
  - B) .wav files and .gif files
  - C) .wav files and .jpg files
  - D) .jpg files and .gif files
- 30.** In MS Word to move the insertion point to the beginning of the next word command used is----- ?
- A) CTRL+RIGHT ARROW
  - B) CTRL+LEFT ARROW
  - C) CTRL+DOWN ARROW
  - D) None of these