CHRIST THE KING MATRICULATION HR. SEC. SCHOOL, KUMBAKONAM – 612 001

11TH STANDARD NEW SYLLABUS
SUBJECT: COMPUTER APPLICATION
LIST OF 5 MARKS QUESTIONS
UNIT – I
FUNDAMENTALS OF COMPUTER AND WORKING WITH TYPICAL OPERATING SYSTEMS (WINDOWS & LINUX)

Q.NO.	QUESTION
	CHAPTER – 1 **INTRODUCTION TO COMPUTERS**
1.	Explain the basic components of a computer with a neat diagram?
2.	Discuss the various generations of computers.
3.	Explain the Various Input Devices?
4.	Explain the Various Output Devices?
5.	Describe the Impact and Non – Impact Printers?
6.	Explain the different types of Mouse?
	CHAPTER – 2 **NUMBER SYSTEMS**
7.	a) Write the procedure to convert fractional Decimal to Binary b) Convert $(98.46)_{10}$ to Binary
8.	Find 1's Complement and 2's Complement for the following Decimal number a) -98 b) -135
9.	a) Add $1101010_2 + 101101_2$ b) Subtract $1101011_2 - 111010_2$
10.	Explain the different encoding systems used for computer?
	CHAPTER – 3 **COMPUTER ORGANIZATION**
11.	Explain the Characteristics of Microprocessor?
12.	Explain the Types of Microprocessor?
13.	Explain RAM and its types?
14.	What are the different types of ROM?
15.	Explain the Secondary Storage Devices?
16.	Explain the Ports and Interfaces?
17.	How the read and write operations are performed by a processor? Explain?
	CHAPTER – 4 **THEORETICAL CONCEPTS OF OPERATING SYSTEM**
18.	Explain the Need and Uses of Operating System?
19.	Define User Interface and write the points to be considered when user interface is designed?
20.	Explain the Algorithms that are used to allocate the Job?
21.	Explain the concept of a Distributed Operating System
22.	Explain the Prominent Operating Systems?
	CHAPTER – 5 **WORKING WITH TYPICAL OPERATING SYSTEM** **PART – I** **WORKING WITH WINDOWS**
23.	Describe the Various Versions of Windows?

24.	What are the Elements of a Window? Explain it briefly?
25.	What are the methods are there to create a New Folder?
26.	What are the methods to Rename the Files or Folders?
27.	Explain how to Copying Files and Folders to removable disk?

PART – II
WORKING WITH LINUX

28.	Describe the Icons that are available in the Ubuntu OS?

CHAPTER – 6
WORKING WITH TYPICAL OPERATING SYSTEM
PART - I : INTRODUCTION TO WORD PROCESSOR

29.	Explain the Control Buttons that are available in Open Office Writer Window?
30.	Explain the Menus that are available in Open Office Writer Window?
31.	What are the Keyboard Movement Keys that are available in the Open Office Writer Window?
32.	What are the Steps to be followed to Save the Document in the Open Office Writer Window?
33.	What are the Methods that are used to Select the Text?

PART - II : FORMATTING TEXT AND PARAGRAPH

34.	What are the different types of Paragraph Alignment? Explain how to Change with Icons?
35.	Define Indent. What are the Types of Indent available in the Open Office Writer?
36.	Explain how the Bullets and Numbering Option are applied in the Open Office Writer?
37.	Describe how to Set the Page Size and Margins?
38.	Define Header and Footer. Explain how to Insert Header, Footer and Page Number in the Open Office Writer?

Part - III : Find & Replace and Spell check

39.	What are the Steps to Find and Replace the Text in Open Office Writer?
40.	Explain the Spell Check Feature in the Open Office Writer?
41.	Define Autocorrect Option and explain how to Insert the word in the Autocorrect Option?

PART - IV : WORKING WITH TABLES

42.	Explain the Different techniques to Insert Table?

PART - V : ENHANCING AND PRINTING A DOCUMENT

43.	Explain how to Insert the Pictures in the Open Office Writer?
44.	Explain how to Insert the Special Characters in the Open Office Writer?
45.	Explain how to Insert the Shapes in the Open Office Writer?
46.	Explain how to Insert the Auto Text in the Open Office Writer?
47.	## CHAPTER – 7 ## PART – I WORKING WITH OPENOFFICE CALC
48.	Explain the Variety of Operators available in the Open Office Calc?
49.	Explain what are the Steps to Construct a Formula with Example?
50.	Explain the Auto Fill Series? How to Generate Fill Series using Command?
51.	## PART – II EDITING AND FORMATTING WORKSHEET
52.	
53.	## PART – III WORKING WITH FUNCTIONS AND CHART
54.	Explain how to Insert the Function using Function Wizard Method?
55.	Define Power ( ) function. Explain how to Insert the Power ( ) function?
56.	Explain how to Insert the Chart using Chart Wizard Dialog box?
57.	Explain a simple demo for creating a Chart?

PART – IV SORTING FILTERING AND PAGE SETUP

| 58. | Define Sorting. Explain the Types of Sorting? |
| 59. | Define Filter. Explain the Types of Filter? |

CHAPTER – 8
PRESENTATION BASICS

60.	What are the Steps to Create a Presentation using Empty Presentation?
61.	Explain about Sections of the Task Pane?
62.	Explain the Views Buttons available in the Open Office Impress?
63.	How to Run the Slide Show in the Presentation?

CHAPTER – 9
INTRODUCTION TO INTERNET AND E – MAIL

64.	Explain the Types of Network?
65.	List the Types of Internet Services?
66.	List some of the Internet Applications?
67.	Define E- Mail. Explain the Structure of E – Mail?
68.	List the Advantages of E –Mail?
69.	What are the different types of Internet Threat?
70.	What are the Classifications of E – Commerce?
71.	Define E – Governance. What are the types of Interactions in E – Governance?
72.	What are the Do's and Don'ts of safe Surfing on Internet?

CHAPTER – 10
HTML – STRUCTURAL TAGS

73.	Describe the HTML Document Structure?
74.	What are the Structural Tags of HTML?
75.	How to Edit and Reload the Source File?

CHAPTER – 11
HTML – FORMATTING TEXT, CREATING TABLES, LIST AND LINKS

76.	Explain Font Tag with its Attributes Size, Color & Style?
77.	Explain how to Create a Table with Program?
78.	Explain the Attributes of Table with Program?
79.	Explain the Attributes of <TD>, <TH>, <TR> with Program?
80.	Explain the different types of Lists in HTML?
81.	Explain about the Links and its types in HTML?

CHAPTER – 12
HTML – ADDING MULTIMEDIA ELEMENTS AND FORMS

| 82. | What are the Attributes of <input> tag? Explain it in detail? |

CHAPTER – 13
CASCADING STYLE SHEETS

| 83. | List any five CSS – Frequently using Text Formatting Properties and Values? |
| 84. | Explain how to Link CSS with HTML? |

CHAPTER – 14
INTRODUCTION TO JAVASCRIPT

85.	What is the Lexical Structure of a JavaScript Program?
86.	What are the types of Expressions available in JavaScript?
87.	Develop a JavaScript to find Simple Interest for the given Principle, Number of years and Rate of interest.
88.	Develop a JavaScript to find Compound Interest for the given Principle, Number of years and Rate of interest.

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89.	Develop a JavaScript to find difference between Simple Interest and Compound Interest.
90.	Explain about the pop up dialog boxes in JavaScript?
CHAPTER – 15 **CONTROL STRUCTURE IN JAVASCRIPT**
91.	Explain the If and If – Else Statement in JavaScript?
92.	Explain the Else – If Statement in JavaScript?
93.	Explain the Switch Statement in JavaScript?
94.	Explain the For Loop in JavaScript with Program?
95.	Explain the While Loop in JavaScript with Program?
96.	Explain the Do – While Loop in JavaScript with Program?
97.	Write a Java Script program using while statement to display 10 numbers.
98.	**CHAPTER – 16** **JAVASCRIPT FUNCTIONS**
99.	Explain some of the common Pre – Defined Functions?
CHAPTER – 17 **COMPUTER ETHICS AND CYBER SECURITY**
100.	What are the general guidelines of Computer Ethics?
101.	What are the various crimes happening using computer?
102.	What is piracy? Mention the types of piracy? How can it be prevented?
103.	Write the different types of cyber attacks?
104.	What are the different types of Encryption?