Computer Questions for Practice (Class 9th)

Short Answer Question	
1.	Define mouse.
2.	Define printer and name its types.
3.	State and prove De-Morgan's Theorems.

i.	$\overline{X \cdot Y} = \bar{X} + \bar{Y}$	ii.	$\overline{X + Y} = \bar{X} \cdot \bar{Y}$

4.	What is memory? Define its types.
5.	What is scanner? Define its types.
6.	Define operating system.
7.	Differentiate between:

	a	Internal and External Commands of DOS.
	b	High Level and low Level languages.
	c	Analogue and Digital Computer.
	d	Hard Copy and Soft Copy.
	e	Compiler and Interpreter.
	f	Serial and Parallel Ports.

8.	What are wild card characters?
9.	Write down the capabilities and limitations of computer.
10.	Define term computer? What is the main-frame computer and where it is used?
11.	Define data and information.
12.	What is number system? Name its types.
13.	What is Karnaugh map? Why do we use Karnaugh map.
14.	What is dual purpose device?
15.	Write down the full forms of the following abbreviations:

a	RMDIR	b	HD	c	IBM	d	CRT	e	ASCII
f	BASIC	g	COBOL	h	HDD	i	EDVAC	j	LCD

16.	Define magnetic tape.
17.	Construct the truth table according to the following rule.
18.	Define floppy disk.
19.	Convert the following numbers to their equivalent numbers in the given bases.

a	$(844)_{10} = ($ $)_2$	b	$(11111010)_2 = ($ $)_{10}$
c	$(9CA)_{16} = ($ $)_{10}$	d	$(1760)_{10} = ($ $)_8$
e	$(110000010011)_2 = ($ $)_8$		

20.	What are the purpose of input device and Output devices in computer system.
21.	With the help of K-map simplify the expression.
	$\bar{A}\,\bar{B}\,\bar{C} + \bar{A}B\bar{C} + A\bar{B}C + AB\bar{C}$
22.	Define keyboard with its distribution of keys.

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	Important Question for Section "C"
	(Detailed-Answer Question)
23.	What is language translator? Explain different types of it.
24.	What is Boolean Algebra? Also define the laws of Boolean Algebra.
25.	Draw the block diagram of CPU and describe its major components.
26.	Define monitor and its types according to colour.
27.	Define printer and its types.
28.	Describe the different type of computer according to size.
29.	What is DOS? Define briefly.
30.	Define plotter and its types.
31.	Write short note on any two of the following?

	i.	Recycle bin	ii.	Windows Explorer	iii.	My documents
	iv.	Icon	v.	Taskbar	vi.	Desk top	vii.	My computer

32.	What do you mean by bus? Write types of bus in detail.
33.	Draw generation table.
34.	Define software. Discuss different types of software.