



**DR. A. Q. KHAN SCHOOL & COLLEGE BAHRIA TOWN PHASE-8**  
**MODEL PAPER COMPUTER SCIENCE CLASS: IV**

**Time Allowed: 20 Minutes**

**Name:** \_\_\_\_\_

**Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Invigilator's Signature:** \_\_\_\_\_

**SECTION – A (Marks 06)**

**Q1: Encircle the correct option. Each part carries 0.5 marks.**

**(0.5×12=6)**

No	Question	A	B	C	D
i.	Which part of computer works like a TV ?	Monitor	CPU	Printer	Speaker
ii.	Which part of computer is known as brain of computer?	Monitor	CPU	Printer	Speaker
iii.	Sara has a file that is 1 KB in size. How many bytes is this equivalent to?	1024 bytes	1025 bytes	1026 bytes	1027 bytes
iv.	In which generation , computers can understand spoken words of human being?	1 <sup>st</sup>	2 <sup>nd</sup>	4 <sup>th</sup>	5 <sup>th</sup>
v.	You want to draw a picture of a tree using a computer program. Which of the following software tools should you use?	WordPad	Paint	Media Player	Notepad
vi.	Which bar is located at the bottom of the Desktop?	Scroll bar	Menu bar	Title bar	Taskbar
vii.	Which computer application is used to perform addition of two numbers?	Notepad	Word pad	Calculator	Paint
viii.	Which of the following options represents the shortcut of a program?	Icon	Bar	File	window
ix.	Which language is used to give instructions to a computer machine?	English Language	Urdu Language	Computer Language	None
x.	Which command is used to move the turtle in the forward direction?	BK	FD	CT	LT
xi.	Which computer is very powerful and is used for solving complex problems?	Desktop	Laptop	Tablet	Supercomputer
xii.	What can you do with computer language "Logo"?	Draw figures and shapes	Writing essays	Sending emails	Draw Pictures



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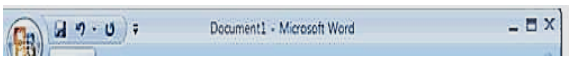
**Time allowed: 1.40 Hrs**

**Maximum Marks: 24**

**SECTION - B (12 Marks)**

Q2: Answer the following short questions. All questions carry equal marks.

(6×2=12)

i.	Define Computer System.	2	<b>OR</b>	List down types of computer. Also give one example of each.	1+1
ii.	Differentiate between Input and Output Devices. Also give one example of each.	1+1	<b>OR</b>	Describe Computer Memory. Classify its types with one example of each.	1+1
iii.	Write down the steps to change the Date and Time in Windows.	2	<b>OR</b>	Write the instructions to draw the given shape. 	1+1
iv.	Differentiate between Notepad and WordPad.	1+1	<b>OR</b>	Describe the function of following terms in MS Windows: a. Task bar b. Screen saver	1+1
v.	Define Operating System "Windows".	2	<b>OR</b>	Recognize and label any 4 parts of title bar. 	0.5+0.5 +0.5 +0.5
vi.	Differentiate between HIDETURTLE and SHOWTURTLE commands in LOGO language.	1+1	<b>OR</b>	Differentiate between PENDOWN and PENUP commands in LOGO language.	1+1

**SECTION - C (12 Marks)**

**Note. Answer the following questions in detail.**

**(3×4=12)**

<b>Q3.</b>	Explain 4 <sup>th</sup> and 5 <sup>th</sup> generations of computers on the basis of their appearance, technology, performance and usefulness to mankind.	1+1+ 1+1	<b>OR</b>	Explain the Mainframe and Minicomputer on the basis of speed, storage capacity, size and nature.	1+1+ 1+1
<b>Q4.</b>	Why do you use REPEAT Command . Explain with the help of example.	3+1	<b>OR</b>	Describe the functions of FD, BK, LT, RT, CS, and CT commands in LOGO language.	4
<b>Q5.</b>	Read the statement carefully and write down the correct term for the following tasks while you are working on WINDOWS: (0.5 x 8)				
	The tool which is used to watch historical video in multimedia room of your school.				
	The tool which is used to perform scientific calculation on computer.				
	The tool which is used to write a paragraph on the role of Artificial Intelligence and insert picture of robot.				
	An image that can be set to turn on after a period of user inactivity, when you leave your computer.				
	The management tool in Windows to handle files and folders.				
	The tool which is used to create and edit pictures and drawings.				
	The tool which is used to create, open, and save simple text files.				
	The small bar at the bottom of the desktop that shows current task				

**OR**

- a. Computers have become an integral part of our life. Suggest at least **FOUR** fields in which we can use computer to make our lives easy and efficient. (0.5 x 4)
- b. Explain how the following parts of computer help in daily life tasks. Give at least **ONE** Application. (0.5 x4)
- i. CD
  - ii. Joystick
  - iii. Scanner
  - iv. Light Pen