

MODERN COLLEGE

SUCCESS DEPENDS ON THE PROPER USE OF TIME

Computer Grade 8 Tutorial 1

Question 1: Write the correct answer on your answer sheet

- (a) Which of the following is a pointing device found on laptop computers?
- A. Touchpad
B. Scanner
C. Printer
D. Monitor
- (b) How many bits does 1 Kb contain?
- A. 1024
B. $1024 * 8$
C. 8
D. 4
- (c) Which of the following types of computers can support 10 -60 users at a time?
- A. Minicomputer
B. Microcomputer
C. Mainframe computer
D. Super computer
- (d) Which of the following printers make use of refillable coloured pens?
- A. Ink-jet printer
B. Plotter
C. 3D-printer
D. Dot matrix printer
- (e) Which of the following printers can produce carbon copies of printouts using special paper?
- A. Dot matrix printer
B. Plotter
C. 3D-printer
D. Laser printer
- (f) The speed of a computer depends on the _____.
- A. CPU cooling speed
B. CPU clock speed
C. Printer speed
D. type of monitor
- (g) Which of the following can be found on an automated heating or cooling systems?
- A. Infrared sensor
B. Proximity sensor
C. Temperature sensor
D. Barometer
- (h) Which of the following is a system software?
- A. Calculator
B. Spreadsheet
C. Disk defragmenter
D. Word processing

(i) Software designed to help analyse, configure, optimise and maintain the computer are known as _____.

- A. Utility programs
- B. Applications software
- C. Operating systems
- D. Management software


(j) Which of the following types of computers can be used for space explorations?

- A. Microcomputer
- B. Minicomputer
- C. Mainframe computer
- D. Super computer

[10]

Question 2:

State whether the following statements are **True** or **False**.

- (a) Computer needs both hardware and software to function.
- (b) MHz is a unit in which computer speed can be measured.
- (c) The  icon is used to align text to the right.
- (d) Scanner is used to print paper.
- (e) 3D printer is used to print very large documents such as building plans and posters.
- (f) Laser printer forms characters by spraying drops of liquid ink.
- (g) Ms Excel saves document using .docx extensions.
- (h) Dot matrix print high quality printout.
- (i) Microphone can be used to input sound into the computer.
- (j) LCD monitor is lighter than a CRT monitor.

[10]

Question 3:

Fill in the blanks with the most appropriate word(s) from the list given below.

Byte	Webcams	Laser	Proximity sensor	Formatting
Enter key	Scanner	Spacebar	Hardcopy	Hardware

- (a) To change line, the _____ is pressed and to leave a space between two words, the _____ is pressed.
- (b) Changing the appearance of a document is called _____.
- (c) _____ are used in video conferencing and video chatting.
- (d) _____ are used in vehicles to facilitate parking and avoid bumping into objects.
- (e) A _____ converts printed information to a digital image.
- (f) A _____ printer uses powdered ink called toner.
- (g) A printout is called a _____.
- (h) _____ is the name given to the physical parts of a computer system.
- (i) A _____ is a group of 8 bits used to represent a character.

[10]

Question 4:

(a) Distinguish between system software and application software.

[2]

(b) Gives **one** example of utility program.

[2]

(c) Give **one** example of an operating system.

[1]

Question 5:






Copy and tick (✓) the appropriate column to show whether each device is **input**, **output** or **storage** device.

	Input device	Output device	Storage device
(a) Touchpad			
(b) CRT Monitor			
(c) CD-ROM			
(d) Proximity sensor			
(e) Pen drive			
(f) Mouse			
(g) Memory card			
(h) Microphone			
(i) Ink-jet printer			
(j) 3D printer			

[10]

Question 6:

State the use of each of the following icons in MS Word:

No	Icons	Use
(a)		
(b)		
(c)		
(d)		
(e)		

[5]

Question 7:

List down the steps to know the CPU speed of a computer in windows 10

[3]

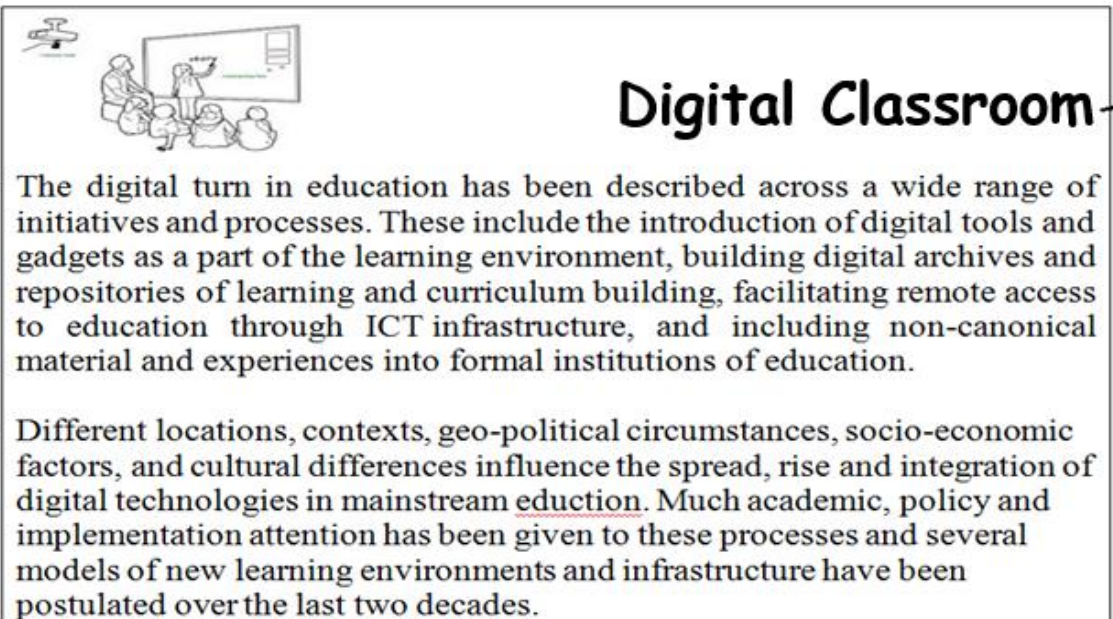
Question 8:

Give two examples of application software.

[2]

Question 9:

Consider the word processed document given below and then answer the questions that follow.



The image shows a screenshot of a word document titled "Digital Classroom". The title is in a large, bold, black font and is enclosed in a rectangular box. To the left of the title, there is an illustration of a classroom with a teacher at the front and students at their desks. Below the title, there are two paragraphs of text. The first paragraph is labeled "Paragraph 1" and the second paragraph is labeled "Paragraph 2". To the right of the second paragraph, there is a small rectangular box containing the letter "A".

Digital Classroom A

Paragraph 1 { The digital turn in education has been described across a wide range of initiatives and processes. These include the introduction of digital tools and gadgets as a part of the learning environment, building digital archives and repositories of learning and curriculum building, facilitating remote access to education through ICT infrastructure, and including non-canonical material and experiences into formal institutions of education.

Paragraph 2 { Different locations, contexts, geo-political circumstances, socio-economic factors, and cultural differences influence the spread, rise and integration of digital technologies in mainstream education. Much academic, policy and implementation attention has been given to these processes and several models of new learning environments and infrastructure have been postulated over the last two decades.

(a) What alignment is used for text label A?

[1]

(b) What is the alignment for paragraph 1?

[1]

(d) What is the alignment for paragraph 2?

[1]

(e) How is the formatting style of the text label A, apart from its alignment, different from the text in paragraphs 1 and 2?

[2]

Question 10:

Select a suitable device that would be needed for each of the following tasks:

Scanner	Mouse	Digital Camera
Barcode reader	Video projector	3D printer

	Task	Device
(a)	To show enlarged computer display on a wall.	
(b)	To open a folder on the desktop.	
(c)	To read product information in supermarkets.	
(d)	Capture pictures that can be transmitted electronically.	
(e)	Convert a printed photograph into format that can be stored in a computer.	

[5]