

Read the topic and summarize what you have captured. Recite the content if necessary, discuss with colleagues. Success awaits

COTN MARANI HONORS HIGH SCHOOL

ICT REVISION QUESTIONS

BY THE ICT DEPARTMENT 2023

THE OBJECTIVES OF THESE SUMMARY QUESTIONS IS TO HELP
LEARNERS LOOK AT A VARIETY OF QUESTIONS AND READ
APPROPRIATELY.

COMPUTER STUDIES TOPICS

- **Introduction to computer studies**

Computers today

Evolution

Uses and functions of computers

Keyboard and navigation

Categories of computers

Classifications of computers

The computer system

Computer care and safety

- **Computer hardware**

Input devices

Processing devices

Storage devices

Output devices

- **Computer software**

Introduction to software

System software

Application software

- **Word processing**

Introduction to word processing software

Word processing with Microsoft word

- **Computer presentation**

Introduction to presentation software

Presentation with Microsoft PowerPoint

- **Spreadsheets**

Introduction to spreadsheets

Spreadsheets with Microsoft excel

- **Systems start-up and configuration**

Computer booting

System configuration

Software installation

Computer troubleshooting

- **Computer communication and networking**

Introduction to computer communication

Networks

Internet

Data transmission

Networking hardware

Networking software

Network topologies

- **Web design**

Introduction to web design

Web design

- **Databases**

Introduction to databases

Databases with Microsoft access databases

- **Elementary computer programming**

Introduction to programming

Program development cycle

Developing of algorithms

Elementary programming using C

Elementary programming using visual basic

- **Trends in computing**

Computer integrity and security

Computer ethics

Computers and society

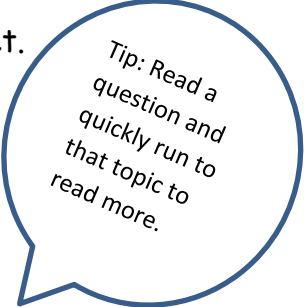
Emerging technologies

Systems analysis

Computer professions

Reading Tip

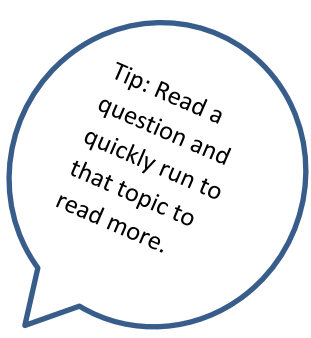
1. Define the term computer generation?
2. State five differences between the first and fourth generation of computers.
3. What are the major characteristics that mark each of the generation that computers have under gone?
4. Define digital computers?
5. Give two difference between digital and analog computers.
6. Computers are required both as a tool and as an occupation, discuss? (25 marks)
7. What is the difference between www and the internet?
8. Describe how a webpage is a source of information?
9. Define the terms intranet and internet?
10. Give two differences between intranet and the internet.
11. Explain the following internet terms:
 - TCP
 - FTP
 - HTTPS
 - IRC
 - ISP
 - HTML
 - Website
 - A web page
 - TELNET
 - URL
 - URL



Tip: Read a question and quickly run to that topic to read more.

Reading Tip

- Webmaster
- DNS
- ISDN
- Web server
- ASCII
- EBCDIC
- CAD
- CD-ROM
- CPU
- I.C
- EPROM
- ALU



Tip: Read a question and quickly run to that topic to read more.

12. State three factors affecting computer communication over the internet.

13. Mention any four requirements needed to connect to the internet.

14. Discuss five the advantages and disadvantages of using the internet.

15. Distinguish between internet and email.

16. Explain the following terms in relation to email;

- Subject:
- To:
- Cc:
- Bcc:

17. State four advantages of email communication and ordinary mail.

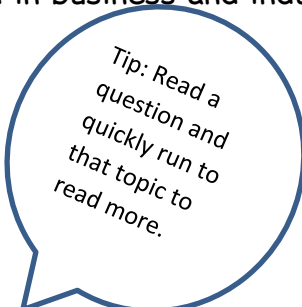
18. List five qualities of a good web page.

19. Explain seven reasons why a school should have a website.

20. What is a webpage? Give four example of web browser.

Reading Tip

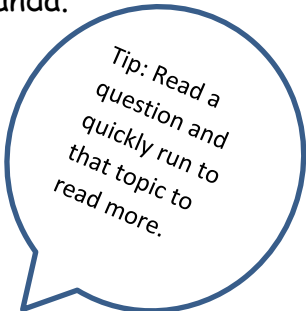
21. State four major components of an email message?
22. State ten reasons why schools should connect to the internet.
23. Mention five services offered by the internet.
24. Explain five ways in which computers can be used in business and industry in Uganda?
25. Explain all the characteristics of a computer.
26. Outline examples of personal computers.
27. Define a search engine?
28. Describe eight positive and negative effects of using computers in our society.
29. Explain the functions of the internet service provider.
30. Explain five limitations of using the email as a means of communication.
31. Distinguish between a webpage and a website?
32. State five reasons why adults should use internet banking.
33. Suppose someone sent you an email when your computer is off, will the mail reach when you turn on your computer.
34. List any seven qualities of a good website?
35. Explain five reasons why it is not good to have many graphics in a web page.
36. Explain five precautions to have while designing a web page?
37. What is a tag as used in web page design?
38. Explain five advantages of internet over the internet for learning.
39. Describe the five nature and features of the four computer generations.
40. Describe five benefits Odongo will realize after creating a website.
41. Explain the characteristics of modern computers.



Tip: Read a question and quickly run to that topic to read more.

Reading Tip

42. What is a computer network?
43. Explain 10 benefits of networking computers in a school.
44. Give two reasons for the following innovations.
- a) Vacuum tubes were replaced by transistors in the second generation computers.
 - b) Computers in the second generation consumed a great deal of heat than I the third generation.
45. Explain five benefits of networking computers and telecommunication devices.
46. With the help of a well labeled diagram, explain how you would connect a computer network in a room.
47. Explain four differences between micro-computers and mini-computers.
48. Give two examples of hybrid computers.
49. Give four features of an electronic web page.
50. Explain seven ways of preventing access to information on the internet.
51. Explain reasons for preventing access to information on the internet.
52. Explain the term data transmission media.
53. List five examples of data transmission media.
54. Explain six factors to consider when choosing a LAN model (Peer to Peer or Server based network).
55. Explain ten limitations of full computer use in Uganda.
56. List the types of transmission media.
57. Describe the following terms;
- Repeaters
 - Bridge



Tip: Read a question and quickly run to that topic to read more.

Reading Tip

- Hub
- Switch
- Default gateway
- Sub net mask
- Internet protocol
- Sketch and explain all the network layouts.

58. List any six requirements for setting up a LAN network.

59. List even advantages of using optic fiber cables over the UTP (Unshielded twisted pair).

60. Define the term band width.

61. What is a social networking site?

62. State four advantages of using social media sites.

63. Explain five types of websites.

64. What is a computer virus?

65. Mention any four ways in which computers can be infected by viruses?

66. Identify five possible symptoms of computer viruses.

67. State any three possible ways in which one guard a computer against viruses.

68. Total security is not possible today, outline the areas where this has been achieved and challenged.

69. Explain six types of computer viruses.

70. List five classifications of computer viruses, and explain them.

71. List any three causes that lead to software malfunctioning.

72. Define the following in relation to computer viruses;

- a. Virus

Reading Tip

b. Bug

73. Mention any five safety measures taken in the computer laboratory.

74. Write the following abbreviations in full;

c. LSI

d. COBOL

e. BASIC

f. GUI

g. ASCII

h. EBCDIC



75. Distinguish between main frame and mini computers.

76. State the use of the ISP.

77. Outline any five factors that one can consider when choosing an ISP.

78. What are the possible features of future generation computers.

79. Describe the major sources of computer viruses.

80. Describe the major modules that are found in computer viruses.

81. What do you understand by the term expansion slots?

82. What are the four major categories by which computers are classified?

83. Discuss the three major characteristics that transit computer between generations.

84. Define an application software.

85. Give any two distinctions between word processing and desktop publishing.

86. Identify five tasks that one can do with a computer.

87. What is an application package?

88. Distinguish between custom made and off-shell application packages.

89. State five examples of the off-shell package.

Reading Tip

90. Give any four virus scanning software.
91. Define the term a computer system.
92. What is meant by the term troubleshooting in computer studies?
93. Mention two types of ports on the system unit through which a mouse can be connected.
94. Differentiate between cold and warm booting.
95. Mention two activities which take place during the POST routine as a stage of booting.
96. List any two system configuration specifications which must be considered before installing any software on a computer.
97. Give four examples of spreadsheet packages.
98. List any two types of data that can be entered into a spreadsheet cell.
99. What is a software suite?
100. Differentiate between a graphical user and command line user interface.
101. Describe briefly the use of the following graphical user interface features;
- Check box
 - Radio button
 - List box
102. Examine the information below and answer the questions that follow:
- C:\Users\MARANI HONOURS LAB\Documents\TEACHER
- NOTES\first_test.docx
- Define a file extension?
 - Define the term path?
103. What is a utility program?

Reading Tip

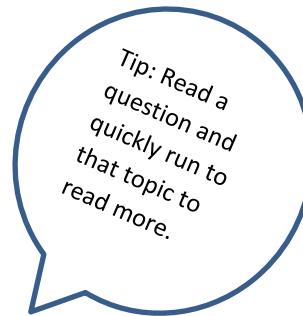
104. Write down any four utility program that you have learnt about.

105. Explain briefly the meaning of the term computer memory.

106. State the two major types of computer memory.

107. Write the following abbreviations in full;

- CMOS
- HDD
- RAM
- ROM
- GUI



108. What is an optical storage?

109. List any four examples of optical storage media.

110. Define the following terms briefly and give examples where necessary;

- Data
- Information
- Communication
- Computer network
- Data communication

111. With the aid of a well labelled diagram, state and describe the different elements of data communication.

112. Explain any five ways by which computers can be abused in your society.

113. Explain any five measures that can be taken to safeguard hardware equipment in the computer laboratory.

114. State any three areas where artificial intelligence is applied.

115. Suggest any three factors you should consider when buying a printer.

116. Distinguish a computer alert from an error message.

Reading Tip

117. Outline any three advantages of applying a primary key to a database.

118. Distinguish between Text and Memo data types in relation to databases.

119. Give some features of a good database table.

120. The worksheet below shows scores of different learners in a school.

Use the worksheet to answer the questions that follow:

	A	B	C	D	E	F	G	H
1	S/NO	NAME	GENDER	MARKS1	MARKS2	TOTAL SCORE	POSITION	
2	1	JAKISSA EMMANUEL	M	24	85			
3	2	ANGOM PEACE	F	14	82			
4	3	ATIM PATRICIA	F	16	76			
5	4	ACEN RUTH OGWAL	F	12	74			
6	5	AYO LAWRENCE	M	21	74			
7	6	KOMAGUM SODRY	M	6	67			
8	7	OPIO PHILLIPS MEMEORY	M	16	67			
9	8	AYITA EDMOND	M	16	66			
10	9	CELE MICHEAL	M	14	65			
11	10	OCEN PAUL MEMORY	M	27	65			
12	11	OPIO JACOB	M	12	64			
13	12	OCEN ISAAC	M	17	60			
14								
15								
16								

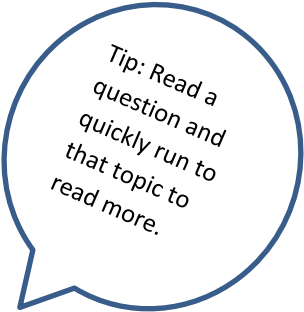
- Suggest an application program that can be used to manipulate the given data.
- How many columns are in the given worksheet?
- What is the function for determining the average of MARKS1?
- Using the TOTAL SCORE, write the formula used to find the position of each student.
- Write down the Cell address for AYITA EDMOND.

121. Differentiate between a website and a homepage.

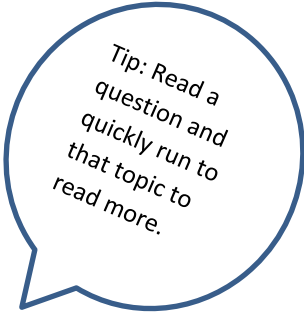
122. Using the URL below, answer the questions that follow;

<https://www.jccc.edu/student-resources/learning.htm>, identify:

- Protocol
 - Domain name
 - Path
 - Top level domain
123. State any two used of a ruler in a word processing application.
124. Give the meaning of the following terms as used in word processing;
- Text alignment
 - Print preview
125. Explain briefly the following features of a presentation software;
- Speaker notes
 - Slide master
 - Slide pane
 - Animation
 - Transition
 - Slide show
126. Explain the term computer software?
127. State the two main categories of computer software and give one example of each.
128. Define the following terms as applied to programming;
- Syntax
 - A constant
 - Flow chart
 - Programming language
 - Data type
 - Variables
 - A loop



Tip: Read a question and quickly run to that topic to read more.



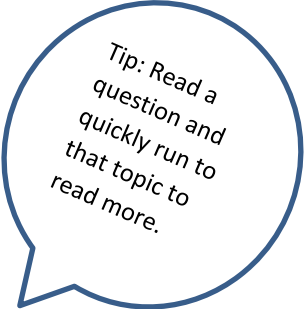
Tip: Read a question and quickly run to that topic to read more.

Reading Tip

129. Describe any five computer faults and suggest ways of overcoming them.
130. State any four characteristics of the fourth generation.
131. A world with no ICT is no world, discuss.
132. Give five advantages of using the spreadsheet software over the manual worksheet.
133. What is information technology?
134. Explain briefly the functions of a modem?
135. Define the term backup?
136. Write CD-ROM in full and state its use.
137. Mention any two advantages of using a CD-ROM over a hard disk.
138. Outline any four functions of utility software.
139. Mention four types of graphs created in a spreadsheet software.
140. Mention any four factors that can affect communication speed on the internet.
141. What is a server?
142. List any four functions of a server.
143. Distinguish between Microsoft Excel and a database.
144. Describe two functions of the slide master.
145. Outline the steps you would take to create a transitional loop.
146. What are peripheral devices?
147. Why is the binary number system used for computers?
148. What is meant by the term screen saver as applied to computer?
149. What is the purpose of the screen saver programme?

Reading Tip

150. Mention any six types of storage media.
151. Distinguish between Microsoft excel and database.
152. List any four categories of data that can be used to create a database.
153. Give five advantages of electronic databases over manual databases.
154. Explain two importance of presentations.
155. State three precautions for correct handling of diskettes.
156. Outline three different forms of secondary storage.
157. Describe the characteristics of each of the above forms of secondary storage.
158. Define a storage medium?
159. List any seven operating system that are in use today.
160. List the three major parts of the cpu.
161. Explain the functions of the three parts of the computer.
162. Outline the functions of the operating system.
163. Explain the functions of the operating system.
164. Outline five functions of a database.
165. Explain the following terms in relation to databases;
 - Field
 - Cardinality
 - Degree
 - Column
 - Record
 - Foreign key
 - Primary key



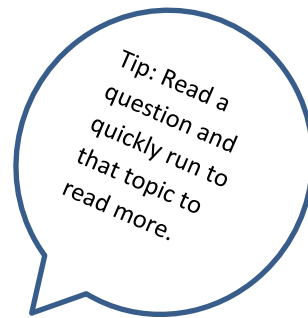
Tip: Read a question and quickly run to that topic to read more.

Reading Tip

- A record
 - Integrity
 - A file
166. Explain the steps taken to setup a simple database.
167. Your school principal would wish to purchase new computers for the computer laboratory. As a computer student, advice the head teacher on which computers to buy and what benefit will they offer when installed.
168. How does the use of the mouse make windows easier to use than the use of the keyboard?
169. State any four factors that hinder a mouse from successfully performing its tasks.
170. Briefly explain seven reasons why there is an increased use of computers in Uganda.
171. List five advantages of networking computers in a school.
172. Describe five precautions to limit virus infections in your computer laboratory.
173. List three ways in which viruses are activated in the computer system.
174. State five advantages of dot matrix printers over ink jet printers.
175. Give five advantages of a hard copy over a soft copy.
176. Distinguish between primary and secondary storage devices.
177. Give three examples of the primary storage and three examples of secondary storage.
178. List any five advantages of using a word processing software over a type writer.
179. Define a storage medium?

Reading Tip

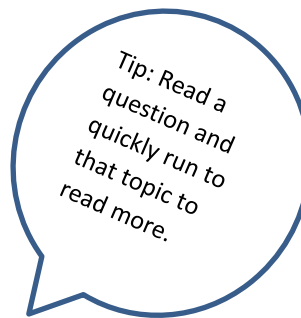
180. What is a database management system?
181. Give five examples of database management tools you know.
182. Explain any five advantages and disadvantages of using database management systems.
183. Explain any two functions of the central processing unit.
184. Briefly describe the following terms below as used in word processing;
- Format painter
 - Toggle case
 - Formatting
 - Line spacing
 - Indentation
 - Uppercase
 - Lowercase
 - Sentence case
185. Define a cells address?
186. Write down the syntax for the Vlookup and Hlookup functions.
187. Internet is a harmful to man. What is your opinion as a computer studies student?
188. Explain the following terms as used in word processing;
- Character map
 - Formatting
 - Page break
 - Footer
 - Header
 - Word wrap



Reading Tip

189. Differentiate between output and input devices.
190. List five examples of input devices and their functions.
191. List five examples of output devices and their functions.
192. Explain five advantages of networking over stand-alone computers.
193. Describe four LAN topologies with the aid of well labelled diagrams.
194. Describe the functions of the following keys on a standard keyboard;

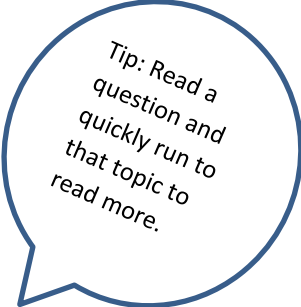
- Backspace
- Delete
- Home
- End
- Enter
- Tab
- Caps lock
- Shift key
- Alt key



195. Define the term booting as used in computing?
196. Outline any five factors to consider when designing a database.
197. Define any five considerations when choosing a network topology.
198. List any four validation checks when setting up a website.
199. Define the term a computer virus?
200. List any seven examples of computer viruses.
201. Identify and describe any seven utility programs.
202. Explain any five functions of a word processor.
203. Define the term operating system.
204. What is a **device driver**?

Reading Tip

205. Give **two** devices that may require the installation of a device driver
206. Name **two** kinds of information normally requested to log on to a multiuser operating system
207. Name **four** functions that are normally carried out by an operating system
- 208.) What is a **primary key**?
209. Give **two** examples of database management programs
210. Name **two** areas of database application.
211. Mention **four** merits of using electronic databases.
212. Outline **three** limitations of using email as means of communication
213. Differentiate between a **cold boot** and a **warm boot**
214. Name **two** kinds of information stored in the CMOS of a personal computer
215. Give **two** examples of secondary storage devices
216. Give **four** examples of secondary storage media
217. Name any **four** output devices you know.
218. Suggest **one** suitable input device for each of the following tasks
219. Mention **three** network types you know
220. List any **two** network media
221. Explain any **five** features of a spreadsheet application.
222. Briefly explain **five** advantages of using Microsoft Excel.
223. Explain any **ten** end-user application programs available in the market today.
224. Explain **four** services of the Internet that you know. What is meant by the following:
- a. Email
 - b. Surfing
 - c. Bandwidth



Tip: Read a question and quickly run to that topic to read more.

Reading Tip

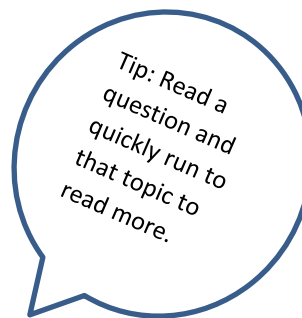
- d. Network Protocol
- e. Local Search Engine
- f. Computer Network
- g. Attachment
- h. Extranet
- i. Intranet
- j. Server

225. What is a **search engine**? Give **three** examples of search engines.
226. What are the merits and demerits of using email as a means of communication?
227. Outline **four** parts of an email message.
228. What are the advantages and limitations of installing a school network?
229. Explain briefly how Internet can be used as a learning tool.
230. What is **Internet**? Mention **four** advantages and **four** disadvantages of the Internet.
231. State and explain **six** Internet services that you know.
232. State **four** factors that affect the speed of the Internet
233. Explain **four** dangers of the presence of the Internet in schools.
234. Explain any **three** examples of computer networks.
235. What is a **client** in computer networking? Give **three** types of servers.
236. List **three** network topologies you know.
237. Give **three** examples of network media.
238. Outline any **four** examples of network protocols.
239. What are the advantages and disadvantages of online learning / e-learning?
240. Differentiate between a **Database** and **Database Management System**.

Reading Tip

241. Give any **three** examples of database programs
242. Give **three** advantages of electronic databases over manual or paper-based databases.
243. List **five** examples of data types that can be in a record. Outline the function of each of the data types you have listed.
244. What is the importance of a primary key?
245. Define the following terms:

- a. Query
- b. Table
- c. Table
- d. Record
- e. Field
- f. Module
- g. Report
- h. Normalization
- i. Redundancy



246. Define the following as used in Spreadsheets, for example MS Excel:
- a. Cell
 - b. Worksheet
 - c. Workbook
 - d. Array Entered Formula
 - e. Mixed Formula
 - f. Relative Formula
 - g. Absolute Formula

Reading Tip

247. Differentiate between a **relative cell address** and **absolute cell address**.

Give **two** examples of each.

248. Distinguish between:

- a. Operator and Operand
- b. Formula and Function
- c. Average and Sum
- d. Cell Range and Range
- e. AutoFill Handle and Formula Bar

249. What is the role of **F2** in MS Excel?

250. Differentiate between adjacent cells and non-adjacent cells. Give **four** examples of each.

251. What else can you put in spreadsheet cells besides text and numbers?

252. Name **three** different operations which you would expect in a spreadsheet cell.

253. List **three** different types of number formats you would expect in a spreadsheet cell.

254. What is a spreadsheet? Give **three** examples of spreadsheet applications.

255. Explain any **five** advantages of using a spreadsheets program like Lotus 1-2-3 or MS Excel.

256. Distinguish between a **Word Processor** and **Word Processing**. Outline **three** examples of Word Processing programs.

257. State **three** Word Processing features you know.

258. Name **three** types of paragraph/text formatting.

259. Distinguish between a **footer** and **header**.

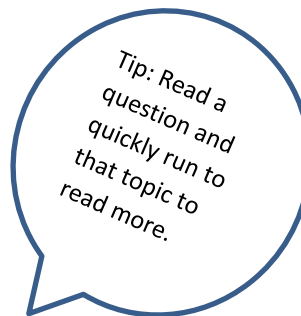
260. What is **mail merging**? Differentiate between **main** document and **data** source.

Reading Tip

261. What are the advantages of using a word processor over a typewriter?
262. What is the difference between a superscript and subscript?
263. Distinguish between a computer and a computer system.
264. What is an operating system? Give any **three** examples of operating systems.
265. Outline any **four** functions of operating systems. State any **four** categories of operating systems.
266. State **four** differences between DOS [or a Command Line Interface] and Windows [or Graphical User Interface, GUI]; giving examples for each.
267. Explain the types of application software available in the market today.
268. Write OOP in full. What's a programming language? Outline any **five** examples of programming languages.
269. Give examples of information, file management and directory commands you know.
270. Differentiate between customized and off shelf software. Give examples of each.
271. What is your understanding of an anti-virus? Give any **two** examples of anti-virus programs.
272. What is a computer virus? Give any **three** examples of computer viruses.
273. Under what circumstances are computer viruses spread?
274. Suggest measures to minimize the spread of computer viruses.
275. Briefly explain how you can create a folder at the Windows Desktop.
276. How would you format a diskette in the Windows Interface?
277. What is a file name? Which characters cannot be accepted in file naming?
278. Distinguish between a computer and a computer system.
- 279.

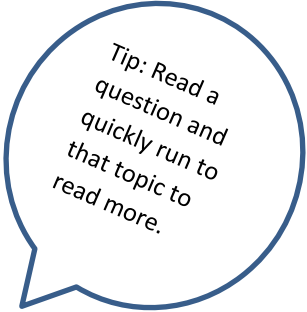
Reading Tip

280. Outline any **three** elements of a computer system and explain the function of each.
281. What are the differences between a digital computer and an analogue computer?
282. Briefly explain the functions of PCs.
283. What are the advantages and disadvantages of using a computer? Give at least **four** merits and **four** demerits.
284. How are computers used in: Homes, Education, Industry, Retailing, Business & Administration, Government & Public Administration, health Care, and Agriculture?
285. Explain any **four** characteristics of a modern PC.
286. Write short notes on:
- a. Supercomputer
 - b. Mainframe
 - c. Minicomputer
 - d. Personal Computer
 - e. Notebook computer
 - f. PDA
287. What the possible characteristics of the future generation of computers?
288. When was the **first computer** offered to the public and what was its name?
289. What was **Robert Noyce** and **Jack Kilby** known for?
290. **Intel** was started by who?
291. What is a **monolithic integrated circuit**?



Reading Tip

292. How do you think society will be different if scientists are able to create a chip that will perform a **trillion** operations in a **single second**?
293. Outline the basic features of the first generation computers as held in the books of history of computing.
294. Mention **four** main characteristics of first generation computers
295. State the possible disadvantages of the second generation computers to man.
296. Distinguish between the second and fourth generation computers.
297. How are computers used in supermarkets and hospitals?
298. How are computers used in **two** of the following:
- a. Home
 - b. School
 - c. Industry
 - d. Retailing
 - e. Business & Administration
 - f. Government & Public Administration
 - g. Health Care
 - h. Everyday Life.
299. How have computers revolutionized the way man lives today?
300. Computers are a necessary tool. Do you agree? Explain.
301. Describe the term **evolution** of computers.
302. How do the second generation computers differ from fifth generation computers? List down **four** differences.
303. Advantages of Networking over standalone computers.



Tip: Read a question and quickly run to that topic to read more.

Reading Tip

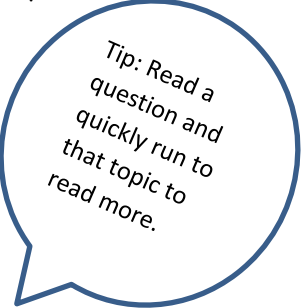
304. Explain with the aid of diagrams the various illustrations of LAN topologies
305. What is an **Operating System**?
306. Mention any **four** examples of operating systems.
307. Mention any **four** functions of operating systems.
308. What is **Application Software**?
309. With examples, state any **four** types of popular application software.
310. State the difference between:
- The **Internet** and the **World Wide Web**.
 - **Search Engines** and **Web Browsers**.
311. Give any **four** advantages and any **two** disadvantages of using the internet.
312. Give any **two** examples of spreadsheet application programs.
313. With examples in each case, state the difference between **Relative** cell references, **Absolute** cell references and **mixed** cell references.
314. Mention any **six** features common to most spreadsheet application programs.
315. Define the term **Electrical Noise**.
316. State any **four** devices that commonly generate electrical noise.
317. What is **Computer Integrity**?
318. Mention any **five** of the '**Ten Commandments for Computer Ethics**' as laid down by Dr. Ramon C. Barquin during the first National Computer Ethics Conference held Washington DC in 1991.
319. What is a bug?
320. Write down any three high level programming language.
321. List down any three utility programs.
322. Explain any four functions of an operating system.

Reading Tip

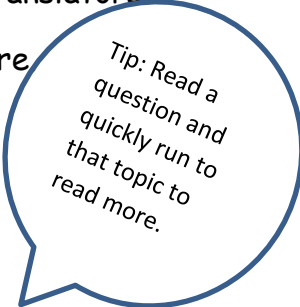
323. List down four reasons as to why businesses connect to the internet.
324. Identify three data types used in the creation of databases.
325. List down three stages in information processing cycle.
326. Explain the term verification in relation to information processing.
327. Explain the meaning of troubleshooting.
328. State three reasons for updating firmware for a given hardware.
329. Define an input mask as used in database management systems.
330. State two characteristics of a primary key.
331. State a situation that can lead to each of the following spreadsheet error messages
332. State three advantages of using a wireless network.
333. Give one advantage of using online storage facilities.
334. Outline three types of system software available in a computer.
335. Distinguish between a compiler and an interpreter as used in programming.
336. What is the meaning of an application package?
337. Outline three examples of application software commonly used in Uganda.
338. Outline three examples of application software commonly used in Uganda.
339. State one factor you would consider when buying application software for computer.
340. Explain five possible causes of failure of a computer network.
341. Define a malware?
342. Explain five ways through which computer viruses are transmitted.
343. Explain five reasons for restarting a computer.
344. State any four functions of the operating system.
345. List any two types of operating systems commonly used in computers today.

Reading Tip

346. What is a programming language?
347. Differentiate between machine language and high level language.
348. What is word processing?
349. Mention three examples of the word processing software.
350. Describe any three ways in which personal data stored in computers can be misused.
351. Distinguish between application programs and system software.
352. Give two examples of application programs.
353. System software is normally grouped in three categories, state these three categories.
354. Mention the functions of each of the categories above.
355. Define the term word wrap as used in word processing?
356. State any two word processor applications.
357. Explain the following terms with examples;
- Off-the-shell software
 - Custom software
358. What is a utility program?
359. State any four functions of utility programs.
360. Give any four features of the graphical interface.
361. Describe the various categories of computer application software available today. (20 marks)
362. Describe any ten factors to consider when buying application software.
363. State any three categories of programming language translators
364. Mention any three characteristics of computer software
365. Define a software suite?



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Reading Tip

- 366. What are computer simulations?
- 367. Define the term ecommerce?
- 368. Give any three differences between a window and dialog box.
- 369. Differentiate between a folders and file.
- 370. Outline any four elements on the windows desktop.
- 371. Explain briefly why computers use the binary number system
- 372. Distinguish between the terms computer ethics and integrity.
- 373. Mention any two examples of analog computers.
- 374. What are the special purpose computers?
- 375. Mention any five areas where computer are used today.
- 376. Distinguish between mainframe and minicomputers.
- 377. State briefly the between a data bus and address bus.
- 378. Other than the CPU, mention any three other devices that affect the performance speed of a computer.
- 379. Describe explicitly the difference between RAM and ROM and how they differ from the secondary storage.
- 380. With examples, differentiate between impact printers and non-impact printers.
- 381. What is a computer hardware?
- 382. Describe briefly the functions of the following views as used in presentation software.

- Outline view
- Slide sorter view
- Notes pages view
- Slide view

Reading Tip

383. Give examples of presentation programs that you know?

384. Give the meaning of the following words as used in computing;

- Compatibility
- Upgrade
- Update
- Downloading
- Uploading

385. Explain the importance of hyperlinks and their role on the World Wide Web.

386. Describe the crimes that are committed by users over the internet and how they can be solved?

387. Explain the six services of the internet that you know.

388. Explain four factors that affect the speed of the internet access.

389. Give three channels of data transmission?

390. Why is internet referred to as the network of networks?

391. Give the features of high level languages?

392. What is meant by program portability?

393. Why are low level languages not considered to be portable?

394. List any five factors to be considered when choosing a programming language.

395. Explain the advantages and disadvantages of using high programming languages when writing a program.

396. With reference to programming, distinguish between source programs and object code.

397. Explain the two levels of programming languages?

Reading Tip

- 398. List any four examples of high level programming languages.
- 399. Describe three areas where robots are being used today.
- 400. Explain the term computer aided translation.
- 401. Explain the term 3D imaging?
- 402. State three different types of robots.
- 403. Describe three areas where biometric technology is used today.
- 404. Define the term biometrics.
- 405. Describe three impacts that artificial intelligence can have on our daily lives.
- 406. Describe the purpose for which virtual reality is being used today.
- 407. Define the term virtual reality.
- 408.

END