EXAMINATION MATERIAL ZUEB - 2022
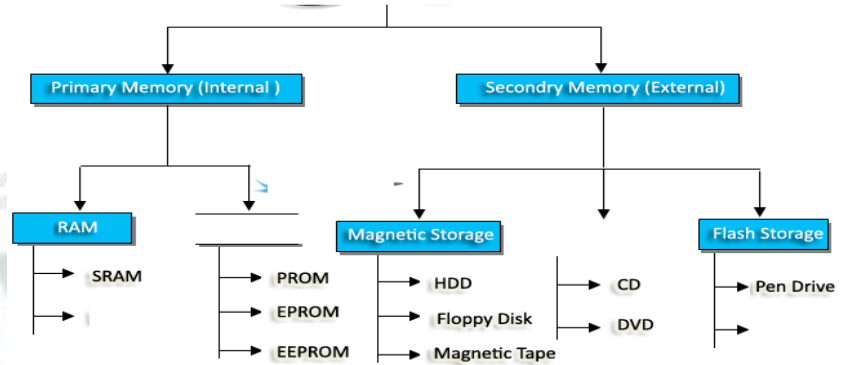
COMPUTER SCIENCE XI

SECTION "B"   CONSTRUCTED RESPONSE QUESTION (CRQ'S)

CH#	CHAPTER NAME	CRQs
1	BASIC CONCEPT OF INFORMATION TECHNOLOGY	1. Differentiate IT & Computer science. 2. Distinguish between high level and low-level language. 3. What limitation of low-level languages were intended to be overcome by high level language? 4. Explain the term 4gls. 5. What do you mean by the term software? 6. How many types of software are there? When and where they are used? 7. List down the features of an OS with short description of each feature. 8. What is the difference between HLLl & LLL? 9. What are the three most common types of scanners? What type of data does each scan? 10. What is MICR What industry is the primary users of MICR?
1.	INFORMATION NETWORKS	11. Differentiate direction of transmission & transmission mode. 12. How many types of signals are there in transmission?
2	DATA COMMUNICATIONS	13. Define the elements of data communication with example. 14. Differentiate direction of transmission & transmission mode. 15. How many types of signals are there in transmission? 16. What do you mean by communication protocols? Define any three with their applications. 17. Define the structure of OSI model in a flow and state description of each layer.
3	APPLICATION AND USE OF COMPUTERS	18. Give few specific examples of how computers are used in our life? 19. How the study of computers are useful in employment, productivity, capability and fun? 20. Differentiate the entertainment and edutainment with example. 21. What common application are important for us?
4	COMPUTER ARCHITECTURE	1. Define computer organization, design, and architecture. 2. What are the major component of digital a computer? 3. Why internal memory is called primary memory/temporary memory?

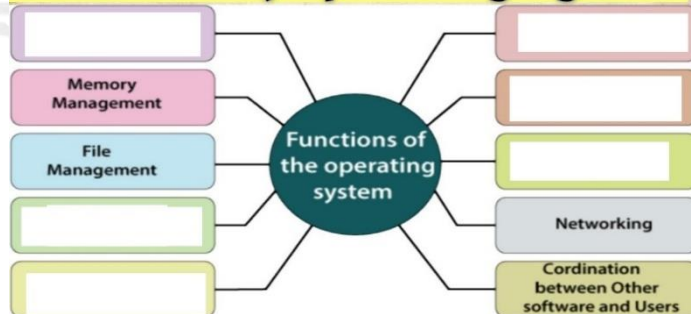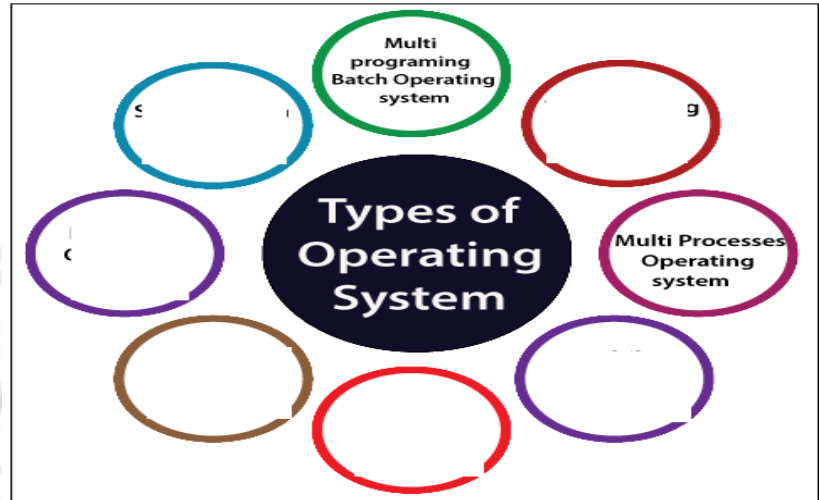|		
		4. What is the role of primary memory for secondary memory? 5. List down the name and purpose of six secondary storagedevices. 6. Assign the caption to each arrow of the given picture. 7. Why addressing of memory is necessary? 8. Define types of registers with their working. 9. Define computer crime with their working?
6	**SECURITY ,COPYRIGHT AND THE LAW**	1. Define each term shortly; a. Computer crime. b. Software piracy c. Hacking d. Computer viruses 2. Distinguish the both terms with example. Theft of hardware & Theft of time & service 3. Why prevention infection are necessary in computers 'systems? State 4 antivirus program shortly. 4. define the security techniques to protect the system and data. 5. What are computer vaccines? List them 6. What are the software piracy and law?
7	**OPERATING SYSTEM**	7. What do you mean by icon and their types? 8. Define the duties of file management system? 9. Assign the right caption to blank boxes.

		10. Fill the empty boxes with appropriate text.
		11. Distinct the duties of OS for HW & SW.
8	WORD PROCESSING	1. What is the basic task done by a word processor? 2. Differentiate math function & mail merge 3. What is sorting and table creation?
9	SPREAD SHEET	4. Define the working of a spread sheet with its features 5. Differentiate word processors & spread sheet. 6. What is cell address? Give an example of a cell address. 7. Is it possible to jump to any cell address directly? How?
10	INTERNET BROWSING AND USING E-MAIL	1. Define types of web sites. 2. How a web sites is useful for a user? 3. Define the working of search engines. 4. List down any 6 search engines. 5. What is the standard format for an e-mail address?