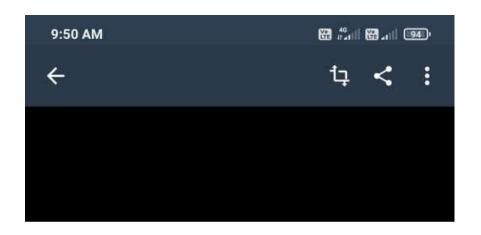
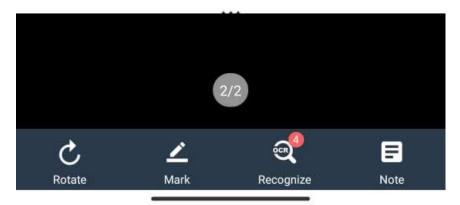
DCM-FIRST YEAR EXAMINATION

BASICS OF COMPUTER ENGINEERING

Time	e: 3 hours	Total Marks :	80
	PART—A	3×10=	30
Inst	ructions: (1) Answer all questions.		
	(2) Each question carries	hree marks.	
	(3) Answers should be bri and shall not exceed fi		int
1.	Define the terms 'high-level language'	and 'low-level language'. 1½+	1 1/2
2.	List the characteristics of an algorith	im.	3
3.	Write the differences between ASCII	code and EBCDIC code.	3
4.	State the need for an Operating Sys	em.	3
5.	List the components of a Window.		3
6.	Write a short note on uninstalling soft	ware using control panel.	3
7.	What are Internet and Intranet?		3
8.	Define Computer Network. Distinguish	between LAN and WAN.	3
9.	What is Open Source Software? Lis Softwares.	t any four Open Source	3
10.	Define Computer Worm, List any for	r Computer Worms	0



PART-B 10×5=50 Instructions: (1) Answer any five questions. (2) Each question carries ten marks. (3) Answers should be comprehensive and the criterion for valuation is the content but not the length of the answer. 11. (a) Differentiate between pre-increment and post-increment 21/0+21/0 operators with examples. (b) Explain the scope and lifetime of a variable used in 12. (a) Write the syntax of switch statement. 5 (b) Write a C program to find largest of three numbers. 13. Compare different loop statements with syntax with examples. 10 14. Write a C program to multiply two matrices A, B. Store the result in matrix C and display it. 15. (a) Illustrate the usage of functions with arguments that 6 return no values. (b) Explain function declaration. 16. (a) Explain how pointers can be used to access array elements. (b) Explain any dynamic memory management function with an example. 17. (a) Illustrate the concept of structure assignment. 5 2+3 (b) Define union. Explain its usage with an example. 18. Illustrate the concept of input and output operations on a file.



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