Question Paper Serial No.

9

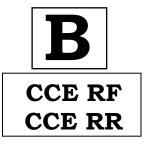
ಒಟ್ಟು ಮುದ್ರಿತ ಪುಟಗಳ ಸಂಖ್ಯೆ : 4] Total No. of Printed Pages: 4]

ಒಟ್ಟು ಪ್ರಶೆಗಳ ಸಂಖ್ಯೆ : 9]

Total No. of Questions: 9 |

ಸಂಕೇತ ಸಂಖ್ಯೆ: 73

Code No.: 73



REVISED & UNREVISED

ವಿಷಯ: ಎಲಿಮೆಂಟ್ಸ್ ಆಫ್ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಇಂಜಿನಿಯರಿಂಗ್

Subject: ELEMENTS OF ELECTRONICS ENGINEERING

(ಶಾಲಾ ಅಭ್ಯರ್ಥಿ & ಪುನರಾವರ್ತಿತ ಶಾಲಾ ಅಭ್ಯರ್ಥಿ/ Regular Fresh & Regular Repeater)

ದಿನಾಂಕ: 04. 04. 2020]

ಪರಮಾವಧಿ ಅಂಕಗಳು: 90]

[Date: 04. 04. 2020

ಸಮಯ ⁻ ಬೆಳಿಗ್ಗೆ 9-30 ರಿಂದ ಮಧ್ಯಾಹ–12-45 ರವರೆಗೆ] [Time : 9-30 A.M. to 12-45 P.M.

[Max. Marks : 90

General Instructions to the Candidate:

- This Question Paper consists of 9 objective and subjective types of 1. questions.
- 2. This question paper has been sealed by reverse jacket. You have to cut on the right side to open the paper at the time of commencement of the examination. Check whether all the pages of the question paper are intact.
- Follow the instructions given against both the objective and 3. subjective types of questions.
- 4. Figures in the right hand margin indicate maximum marks.
- 5. The maximum time to answer the paper is given at the top of the question paper. It includes 15 minutes for reading the question paper.

RF & RR (B)-670

[Turn over

Note : Answer *all* the questions.

1.					h of the following questions / appropriate alternative and write	
	it in	the a	nswer book along with it	s alph	$10 \times 1 = 10$	
	i)	DIL package means				
		(A)	dual-in-line	(B)	dipped-in-lane	
		(C)	dropped-in-line	(D)	diffused-in-lane.	
	ii)	An in	tegrated circuit is			
		(A)	a complicated circuit			
		(B)	an integrating device			
		(C)	much costlier than a tr	ansist	or	
		(D)	fabricated on a tiny sili	con ch	nip.	
	iii)	Monolithic ICs are fabricated within a				
		(A)	Mica	(B)	PVC	
		(C)	Silicon	(D)	Copper.	
	iv)	Number of terminals / pins used in Op-Amp are				
		(A)	2	(B)	8	
		(C)	5	(D)	10.	
	v)	Input impedance of Op-Amp is				
		(A)	1 Ω to 100 Ω	(B)	$100~\Omega$ to $200~\Omega$	
		(C)	$500~\Omega$ to $800~\Omega$	(D)	$10 \text{ k}\Omega$ to $100 \text{ M}\Omega$.	
	vi)	The base of binary number system is				
	·	(A)	2	(B)	5	
		(C)	10	(D)	16.	
	vii)	The C	OR gate has			
		(A)	only one input	(B)	two or more inputs	
		(C)	only two inputs	(D)	only two outputs.	
	viii)	Outp	Output of OR gate is zero (0) when its two inputs are			
	·	(A)	high	(B)	low	
		(C)	different	(D)	same.	
	ix)	The basic unit of flip-flop is				
	•	(A)	feedback input	(B)	feedback output	
		(C)	latch	(D)	triggered output.	
	x)	The clock cycle is calculated by				
	-	(A)	flip-flop	(B)	rectifier	
		(C)	transistor	(D)	counter.	

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