	Registration No.:	1
5		
County STATE ST	following in	Max I
2. This gos	following instructions carefully before attempting the question paper. the Paper Code shaded on the OMR Sheet with the Paper code mentioned on the question paper and ensure tha section paper is divided into two parts A and M. connains 30 spirations of A and M.	t both t
 Part B of then only t Attempt 	consume 5 questions of 10 works each, pursup my 4 questions for each wrong answer. The first four attempted questions will be evaluated pt all the questions in serial order.	ons are
7. After co 8. Submit	t write or mark anything on the question paper except your regimentary no, on the designated space, completion of first 90 minutes, the OMR sheet will be taken by the invigitation. It the question paper and the rough sheet(s) along with the unsuer sheet to the invigitator before leaving the examination.	laution
Q1)	Part-A	
(1) If Sat	et and Reset, both are disabled in case of SR flip flop thes outst is	
(a)	Reset (b) Set (c) Previous output (d) Present impor	
100 PM 200 A A	th stage of Shift register is capable of storing	
		1
(3) Sync (a)	asynchronous counter (b) parallel counter (c) trip counter (d) tripple occuster	
(4) Ide (a)	T flip flop (b) SR flip flop (c) JK flip flop (d) D flip flop	
	Johnson counter (d) Asynchronus counter (d) Asynchronus counter	
(6) The	e arrow direction in the diode symbol indicates	
(a)	THE STREET AND THE ST	
(b)	Opposite to the direction of hole flow	
(d)	None of the above	
- (7) A s	semiconductor is formed by bonds. Covalent (b) Electrovalent (c) Co-ordinate (d) None of the above	
(8) A i	semiconductor has temperature coefficient of realstance. Positive (b) Zero (c) Negative (d) None of the above	
*()		
(9) Wh	Thich region is heavily doped in case of BJT. Collector (b) Base (c) Emitter (d) Gate	

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towns of common base DIT is in (d)
(10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d) (10) The input resistance of common base DIT is of the Order (d)
high switching
high switching frequency
TOTAL TOTAL TOTAL TOTAL THE HEAVING TOTAL
A contract applications
(22) Which of the following does not Indocur to MOSFET? (22) Which of the following does not Indocur to MOSFET? (23) Physic (b) Gate (c) Bear (d)
(22) Which of the following does not hidding to Sentral (a) Denit (b) Gate (c) Book (d) Sentral
The state of the s
(iii) Which of following is antiversal GATE: (iii) Which of following is antiversal GATE: (iii) OR
(a) NOR (a) NOR (b) EXOR (d) OR
(14) Simplify $A(A+B)$ (a) $A = A = A$ (b) $A = A = A$ (c) $A = A = A$ (d) $A = A = A$
(14) 2000 bit 7 (c) (1 + AB) (d) A
2017
(15) The entiput will be a LOW for any case when one or more inputs are zero in a/an
(15) The entiput will be a LOW for any case when one or more algorithms (d) NAND Gate (a) OR Gate (b) NOT Gate (c) AND Gate (d) NAND Gate
(a) OR Gate (b) NOT Gate (c) AND Gate (c)
The state of the s
(36) A decoder converts a inputs to outputs.
(36) A decoder converts a signal at (d) 2 ¹⁻¹ (a) n (b) 2 ⁵ (c) n+1 (d) 2 ¹⁻¹
(a) n (b) (c) (c) (c)
Committee can be represented for decoder?
(17) Which of the following can be represented for decoder? (17) Which of the following can be represented for decoder? (17) Which of the following can be represented for decoder? (17) Which of the following can be represented for decoder? (17) Which of the following can be represented for decoder?
(17) Which of the following can be represented: (a) Sequential circuit (b) Combinutional circuit (c) Logical Combinutional circuit
(18) The standard TTL gates are markened asseries.
(a) 80 (b) 82 (c) 24 (d) 08
(19) CMOS gates are commercially available as which of the following series?
(a) 1000 (b) 3000 (c) 2000 (d) 4000
(a) 1000 (b) 3000 (c) 2000 (d)
(20) Which logic gate has low power consumption?
(20) Which logic gate has not PC DTL (d) CMOS
(a) RTL (b) TTL (c) DTL (d) CMOS
(21) Latch can be called Memory device as it has the capability of
(9) storing 1-bit (b) storing r-bre s
The state of the s
(22) R indicates in SR-latch. Recombine (d) Residue
(a) Re-arrange (b) Reset (c) Recombine (d) Residue
(3) The number of input gin case of D-flip flop is/are:
(h) 1 (b) 3 (c) 2 (d) 4
(24) Identify the Hip flop which can be used to make D-flip flop
(a) JK (b) SR (c) T (d) MS

