

SECTION-B

Note: Short answer type questions. Attempt any six questions out of Eight questions. (6x5=30)

- Q.11 Explain Demorgan's Law
- Q.12 Draw symbol and truth table of XNOR
- Q.13 Write a note on 7 segment display.
- Q.14 Write a note on De-multiplexer.
- Q.15 Compare Analog and Digital system
- Q.16 Explain the working of JK Flip flop with truth table .
- Q.17 Explain the logical diagram of D flip flop
- Q.18 Explain 8:3 Encoder and draw.

SECTION-C

Note: Long answer type questions. Attempt any one questions out of two questions. (10x1=10)

- Q.19 Explain various Arithmetic Circuits
- Q.20 Explain counters and its types.

No. of Printed Pages : 2
Roll No.

188543

DVOC (Level 4)
Sem 2nd / Medical Imaging Tech., SD
Subject : Digital Electronics

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short answer type questions . Attempt all ten question (10x1=10)

- Q.1 What is Latch
- Q.2 What is Decoder
- Q.3 What is LCD
- Q.4 Draw symbol of NOR gate
- Q.5 What is synchronous counter.
- Q.6 What is subtracter.
- Q.7 What is flip flop
- Q.8 What are linear ICS
- Q.9 Define Associative Law
- Q.10 Define Clock

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