

SECTION-B

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

- Q.11 Explain the operation of RAM.
- Q.12 Explain NOR gate as universal gate.
- Q.13 Explain SR flip flop.
- Q.14 Differentiate between Latch and Flip Flop.
- Q.15 Draw truth table of JK Flip flop and XOR gate.
- Q.16 Write a brief note on MSI and LSI,
- Q.17 Write a note on LCD.
- Q.18 Explain full adder circuit.

SECTION-C

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

- Q.19 Explain types of Shift Registers.
- Q.20 Explain any 4 Logic gates.

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

Time : 2 Hrs.

M.M. : 50

SECTION-A

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

- Q.1 SR Latch consists of _____ inputs.
- Q.2 A full adder circuit has _____ outputs.
- Q.3 The NOR gate is OR gate is followed by _____ gate.
- Q.4 Shift Register is a combination of _____.
- Q.5 $A + A =$ _____.
- Q.6 What is LED.
- Q.7 What is Digital IC.
- Q.8 What is Truth Table.
- Q.9 What is ROM.
- Q.10 what is SSI.

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