Yashwantrao Chavan college of Science, Karad

B. Sc. Computer Science Entire Part-I (Sem.-II)

Subject : Electronics

Paper IV - Digital Electronics II

Question Bank

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Q1)Long answer question

1) Explain IC555 as a Astable multivibrator

2) Explain IC555 as a Monostable muiltivibrator

3) Explain monostable muiltivibrator using IC 555

4) Explain memory and memory devices

5) Explain pin diagram of 8085 microprocessor

6) Explain architecture of 8085 microprocessor

7) Explain architecture of 8086 microprocessor

8) Explain addressing mode of 8085

9) Explain Arithmatic operation

10)Explain ROM in detail

11) Explain instruction set of 8085 microprocessor

12) Explain instruction format of 8085 microprocessor

Q2) Short answer question

1) Explain monostable multivibrator

2) Explain pin diagram of IC 555

3) Explain memory and its type

4) Difference between SRAM and DRAM

5) Difference between EPROM and PROM

6) Explain characteristics of memory

7) Draw a pin diagram of 8085 microprocessor

8) Feature of 8085 microprocessor

9) Feature of 8086 microprocessor

10) Explain addressing mode of 8085 microprocessor

11) Explain ram and rom

12) Explain 3*2 diode matrix rom

13) Explain flash memory

14) Explain machine cycle

15) Explain instruction format

16) Explain SRAM using BJT

17) Explain clock generation using NAND gate

18) Explain clock generation using single invertor

19) Difference between RAM and RAM

20) Explain bistable multivibrator

21) Explain memory