

GEETANJALI COLLEGE OF COMPUTER SCIENCE & COMMERCE (BBA)
PRELIMINARY EXAM
B.C.A/B.SC.(I.T.) SEM - 2

SUBJECT : COA
TIME : 1 Hours.

DATE : / /
MARKS: 25

Q-1-(A) ANSWER THE FOLLOWING.

(5)

1. What is gate? explain all types of gates
2. What is flip flop? explain D flip flop in detail

(5)

OR

Q-1-(B) ANSWER THE FOLLOWING

(5)

1. What is combinational circuit? explain full adder circuit.
2. Simplify the boolean function $f(w,x,y,z) = \sum(0,1,2,3,7,8,10) + d(5,6,11,15)$

(5)

Q-2-(A) ANSWER THE FOLLOWING.

(5)

1. Explain general register organization
2. What is interrupt? explain types of interrupt

(5)

OR

Q-2-(B) ANSWER THE FOLLOWING

(5)

1. What is stack organization?

2. Explain cpu.

(5)

Q-3-(A) ANSWER THE FOLLOWING.

(5)

1. Explain i/o interface.

OR

2. Explain dma transfer

(5)

BEST OF LUCK