

Sree Chaitanya Mahavidyalaya
M.Com. (Semester-1) Examination-2022
Information Technology in Business Paper-COMPAEC01M

Full Marks-40

Time-2 Hours

Group – A

1. **Answer any five questions** (2 x 5 = 10)
- Write the full forms of OSI and TCP.
 - What is primary memory?
 - Define AND logic gate?
 - What do you understand by the term 'e-governance'?
 - Draw the circuit of NAND gate?
 - Differentiate between LAN and WAN?
 - What is universal gate?
 - Discuss DeMorgan's theorem?

Group – B

Answer any two questions

(2 x 10 = 20)

- Subtract $(15)_{10}$ from $(32)_{10}$ in binary form using 2's complement method.
 - Convert $(110011011011)_2 = ()_{16}$.
 - Simplify the Boolean function: $AB'C+A'BC+A'BC'+AB'C'$. (4+2+4)
- What are the major components of data communication?
 - Explain any two topologies in brief?
 - What is protocol? Why it is used in data communication? (4+3+3)
- State the major components of e-commerce infrastructure.
 - Explain the sequence of operations that takes place in B2B e-commerce.
 - Write a short note on Internet Banking. (4+3+3)
- Explain the type of memory are used in computer?
 - Discuss : (i) Clock speed (ii) BUS (iii) machine instruction
 - What is microprocessor? (2+6+2)

Send your answer scripts to this e-mail

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