



WEST BENGAL STATE UNIVERSITY

B.A./B.Sc. Honours/Programme 3rd Semester Examination, 2020, held in 2021

CMAHGEC03T/CMAGCOR03T-COMPUTER APPLICATION (GE3/DSC3)

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.
All symbols are of usual significance.*

1. Answer any **four** questions from the following: 2×4 = 8
- (a) Explain different modes of Communication.
 - (b) What do you mean by topology?
 - (c) What is routing?
 - (d) Differentiate between bit rate and baud rate.
 - (e) What is telnet?
 - (f) What is datagram?
 - (g) What is the function of ISP?
2. Answer any **four** questions from the following: 8×4 = 32
- (a) Compare the different topologies in data communication.
 - (b) State the design issues of Session layer.
 - (c) Explain the NRZ, RZ, Manchester and Differential Manchester type of line coding.
 - (d) Explain the different steps for creating a web page.
 - (e) State the function of firewall in security. What is Proxy Server? Discuss the use of Proxy Server. 3+2+3
 - (f) Write a short notes on Fibre optic cable and coaxial cable.
 - (g) What is attenuation? Explain shortly about LAN, MAN and WAN.

N.B. : *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

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