WEST BENGAL STATE UNIVERSITY

B.Com. Programme 5th Semester Examination, 2021-22

FACGDSE06T-B.Com. (DSE1)

DATABASE MANAGEMENT SYSTEM AND NETWORKING

Time Allotted: 2 Hours   Full Marks: 50

The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.

GROUP-A

1. Answer any *two* questions from the following: 10×2 = 20

    (a) What are the advantages of DBMS over traditional file base system?   10

    (b) What is database normalization? What is the difference between primary key and unique constraints?   3+7

    (c) What is check point of DBMS? When does check point occur in DBMS?   3+7

    (d) Give an idea about the different design phases.   10

    (e) Explain basic network concept and client server concept.   10

    (f) What do you mean by indexing? What are the uses of multivariate indexing?   3+7

GROUP-B

2. Answer any *two* questions from the following: 15×2 = 30

    (a) What are the functions of DBMS? Explain some of its major advantages.   8+7

    (b) What do you mean by network architecture? Difference between LAN and WAN.   3+12

    (c) What do you mean by communication media? Discuss about various topologies.   3+12

    (d) What is the difference between having and where clause?   15

    (e) What is SQL? How to create a view?   15

    (f) Briefly discuss the concept of the history and development of internet in India.   15

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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