



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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