

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

01224

Term-End Practical Examination
December, 2014

BCSL-034(P)/S1 : DATABASE MANAGEMENT SYSTEMS LAB

Time : 1 Hour

Maximum Marks : 50

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- Note :** (i) There are **two** questions in this paper carrying 20 marks each.
(ii) Answer both of them.
(iii) 10 marks are for viva-voce.
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1. Create the following table ROUTE_HEADER with the following fields : 20

(ROUTE_ID, ROUTE_NO, CATEGORY_CODE, ORIGIN, DESTINATION, FARE, DISTANCE, SEATING_CAPACITY)

Select appropriate datatypes for each of the fields. Identify ROUTE_ID as primary key. Input meaningful data of at least 10 records.

2. For the above table in Q.1, answer the following queries using SQL : 5×4=20
- To display all the records, sorted in ascending order with respect to distance.
 - To display the ROUTE_ID and ROUTE_NO whose FARE > ₹ 400.
 - To display the SEATING_CAPACITY for any particular ROUTE_ID.
 - Display the average total fare.
 - Display all the types of CATEGORY_CODEs.