# DIPLOMA IN CIVIL ENGINEERING (DCLEVI)

### Term-End Examination

### June, 2014

## BCE-042 : ESTIMATING AND QUANTITY SURVEYING-II

*Time : 2 hours*                                   *Maximum Marks : 70*

**Note :** *Answer any five questions and Question no. 1 is compulsory. Assume missing datas suitably, if any.*

1. State 'TRUE or FALSE'.                          2x7=14
   (a) Unit of measurement for RCC is $m^3$.
   (b) Brick partition wall shall be measured in cu.m.
   (c) Volume of 1 bag of cement is 1.23 cft.
   (d) Unit of measurement for rivets, Bolts and nuts are in quintal.
   (e) Dimensions shall be measured to nearest to 0.01 metres.
   (f) Painting area multification factor for fully glazed window is $\frac{1}{2}$ for each side.
   (g) Corrugated sheeting shall be measured flat not girthed.

2. Prepare a analysis of rate for RCC $1 : 1\frac{1}{2} : 3$ with   14 rates at your prevailing locality.

3. Calculate the bill of quantity for a brick wall of   14 size 4 m × 3 m thickness 20 cm has a window opening of size 1.00 m × 1.30 m.

4. Describe the different types of repair works. **14**

5. (a) What are the different types of estimates ? **6**

   (b) Describe the detailed estimate. **8**

6. Write the detailed specification for RCC 1 : 2 : 4. **14**

7. What are the methods of estimating ? And explain **14** centre line method.

8. Write short notes on **any four** : **3½x4=14**

   (a) Specifications

   (b) Schedule of rates

   (c) Individual wall method

   (d) Bill of quantities

   (e) Plinth area rate

   (f) Special rates

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