

**DIPLOMA IN CIVIL ENGINEERING (DCLE(G))/  
DIPLOMA IN MECHANICAL ENGINEERING  
(DME)**

00338

**Term-End Examination**

**June, 2017**

**BET-036 : TECHNICAL DOCUMENTATION**

*Time : 2 hours*

*Maximum Marks : 70*

**Note :** *Question no. 1 is compulsory. Solve any other two questions.*

1. Write short notes on any **three** of the following :  $3 \times 10 = 30$
- (a) Use of headings and lists, in writing technical reports.
  - (b) Sequencing of ideas, and structuring of ideas, and structuring and sizing of paragraphs in a technical report.
  - (c) Necessity and importance of drafting and revising of a technical report.
  - (d) Importance of summary and conclusions and the elements of any technical document.

2. A materials storage facility is set up at site, for cement, lime, sand, surkhi, timber, and steel. As the engineer in-charge of the project, you inspect the facility, submit your report outlining the shortcomings and suggesting remedial measures. Give sketches. 20

3. Choosing your own project, discuss the use of tables, bar graphs, grouped bar graphs, pie charts, flow charts, diagrams, photographs, and sketches in presenting a talk to a group of supervisory staff. Give examples for each item. 20

4. A firm turns up as a successful bidder for the construction of a small colony of 2-storeyed quarters. After you visit the headquarters and other facilities of the firm, submit your report about the opinion you have formed about the firm's capability to do the job in time. Give reasons for your conclusions. 20

5. A 100-km mountain road, connecting various villages is proposed to be constructed. Submit your technical appraisal after you inspect the area, and indicate what notes you took while on your work. Give a rough estimate of the project giving all items of work involved. 20