

02605

**Diploma in Civil Engineering / Diploma
in Electrical & Mechanical Engineering**

Term-End Examination

June, 2010

BET-036 : TECHNICAL DOCUMENTATION

Time : 2 hours

Maximum Marks : 70

Note : Question No.1 is compulsory. Answer any three questions from the remaining questions.

1. Answer *any two* of the following : 2x5=10

- (a) Role of graphical and pictorial aids in the presentation of a technical information.
- (b) Structure of an investigation report about the collapse of a culvert.
- (c) What is understood by an *abstract* ? Outline its elements and effective forms.
- (d) How to collect information for researching ?

2. Correct the following piece of writing (spellings, punctuation, etc.) : 20

"this year the monsons is not upto the mark it is difficult at this stage to predict the los to agrikulturel prodoction. government is tryeing to be ready to face his difficult situation the chief secretary said we will not let farmer sufer all arrangement will be made to give them relif

people also fase watar shortage in the cities and some roral areas"

3. A new (fresh from the manufacturer) concrete mixing and laying plant is installed at the project site. Draft a written presentation about the use of this equipment. 20

4. Prepare a detailed instructional manual for the operation and maintenance of any one of the following equipment : 20

- (a) any one type of a stone crusher,
- (b) Belt -conveyor system
- (c) (i) Kerosene-fuelled electric generator
(ii) Diesel-fuelled electric generator

5. On the basis of a reconnaissance survey report, draw a feasibility report for the construction of any one of the following : 20
- (a) a culvert;
 - (b) a 500-metre long tunnel through a hilly feature;
 - (c) a minor hydel power facility
6. A hilly road (5-km long) with 9 culverts, two labour sheds, and one inspection hut (for visiting engineers) – stand damaged due to heavy rains and land slides. Write your inspection report and discuss the damage suffered. 20
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