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BET-036

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

Term-End Examination

December, 2015

BET-036 : TECHNICAL DOCUMENTATION

Time : 2 hours

Maximum Marks : 70

Note : Question no. 1 is compulsory. Answer any three from the remaining questions. Marks are shown against each question.

1. Answer any *two* of the following questions : $2 \times 5 = 10$

(a) Write the concise phrase for the following wordy phrases :

- (i) At an early date
- (ii) Based on the fact that
- (iii) Have the capability to
- (iv) Make reference to
- (v) Subsequent to

- (b) Write the simple and plain equivalents of the following fancy/artistic words :
- (i) Ascertain
 - (ii) Endeavour
 - (iii) Manifest
 - (iv) Quantify
 - (v) Utilise
- (c) Write '4' maturity aspects to be exhibited, for the selection of right words or phrases.
- (d) Break the following into direct and simpler sentences.
- “It is said that the old declare war but it is the young who must fight and die.”
2. (a) In the following sentences unnecessary nominalization has obscured the real verb. Revise the sentences to focus on the real verb.
- (i) Pollution constitutes a threat to the Bharatpur Bird Sanctuary.
 - (ii) The switch from the current system to the microfilm can be accomplished in about two weeks.

10

- (b) Re-draft the following paragraph, breaking the long sentences, avoiding unnecessary words and by using appropriate transitional words or phrases etc.

“In expectation of the fast approaching monsoon season, with predictions of very heavy rains hitting the area, the Department should gear itself up with necessary programme, personnel and equipment to face the worst situation that may arise. It is with this aim in view that a meeting of the concerned officers and staff has been called for 30th May, to finalize the logistics of our preparations.”

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3. Explain your understanding about *Researching*.

Write any *two* of the following aspects of Researching :

20

- (a) Personal Interviews with Experts
- (b) Skillfully Drafted Questionnaires
- (c) Use of Library

4. Explain any *two* of the following :

2×10=20

- (a) Inspection Reports
- (b) The Structure of Proposals
- (c) Graphical and Pictorial Aids

5. Draft a project proposal for any *one* of the following: 1×20=20
- (a) Construction of “Public Toilet” near a market.
 - (b) Arranging a “Borewell” at a village
 - (c) Construction of a storm water drain
6. An Executive Engineer has to present to his subordinates and his colleagues the topic, “The Basics of Belt Conveyor-systems”, helping the audience to get acquainted and be able to work out later, the economics of transporting material with a conveyor. Prepare at least ten slides for presentation material for his talk. 20
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