

**DIPLOMA IN CIVIL ENGINEERING (DCLEVI) /
ADVANCED LEVEL CERTIFICATE IN CIVIL
ENGINEERING (ACCLEVI)**

Term-End Examination

00615

December, 2014

BICE-023 : CONSTRUCTION MANAGEMENT

Time : 2 hours

Maximum Marks : 70

Note : Attempt any *five* questions with question no. 1 as *compulsory*. All questions carry equal marks.

1. Choose the correct answer from the given choices : $7 \times 2 = 14$
- (a) The major elements of planning are
 - (i) Machine and materials
 - (ii) Men and machine
 - (iii) Men, machine and money
 - (iv) Men, machine, money and materials
 - (b) The cost of inventory does not include material cost. (True/False)
 - (c) CPM is a critical process method.
(True/False)

(d) Sampling is a function of quality control.
(True/False)

(e) Which is **not** the material handling function ?

(i) Conveyer

(ii) Lift

(iii) Pack

(iv) Transport

(f) The quality of a part does not depend upon

(i) how cheap the part is.

(ii) how well the part performs its function.

(iii) how reliable the performance of the part is.

(iv) how far the performance can be maintained.

(g) CPM is a technique based on

(i) event

(ii) event and activity

(iii) neither event nor activity

(iv) activity

2. Describe and compare the three different types of organizations with examples.

14

3. What is inspection ? What is the basic difference between inspection and quality control ?

14

4. How is PERT different from CPM ? Explain their respective fields of application. 14
5. Describe the objectives of the construction management with suitable examples. 14
6. Describe and prepare the schedules of labour, materials, machinery and finances for a small construction work. 14
7. What are the various indirect expenses which are essential in estimating the total cost ? 14
8. Write short notes on any **four** of the following : $4 \times 3 \frac{1}{2} = 14$
- (a) Importance of inspection
 - (b) Delegation of authority
 - (c) Milestone chart
 - (d) Classification of construction work
 - (e) Principle of storing material
 - (f) Line organization
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