**STATE BOARD OF TECHNICAL EDUCATION & TRAINING, A.P**

DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(II SHIFT POLYTECHNIC)

D.C.E II-YEAR: C-306 **CONSTRUCTION PRACTICE MID-1**

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| TIME :90 MINUTES | MARKS: 40M |
| **PART-A Answer all questions. First question carries 4 marks and each question of remaining carries 3 marks.** | **Marks: 16M** |

1. (a) What is the full form of NBC & DPC ?

(b) Define Masonry ?

(c) Define the following terms Lap & Perpends ?

(d) List out the different types of doors or windows.

1. Define Bearing Capacity & Ultimate Bearing Capacity of soil.
2. State any three advantages of Pre-Cast Concrete Block Masonry.
3. Define Canopy & Portico.
4. Draw the neat sketch of an R.C.C. Lintel with Sunshade and indicate the parts.

**PART-B Answer all questions. Each question carries 8 Marks. Marks: 3x8=24M**

1. (a.) Explain any five components of a building & their functions with the help of neat sketch.

(or)

(b.) Explain about the component parts of a well foundation along with a neat sketch.

1. (a.) Write the comparison between Brick Masonry & Stone Masonry.

(or)

(b.) Explain with sketches, construction of Masonry wall in English bond for alternate layers of one & half brick wall thickness.

1. (a.) Explain different types of fixtures & fastenings of doors & windows.

(or)

(b.) What is Lintel ? State the functions of Lintels ? What are the different types of lintels & explain any two.