

JK LAKSHMIPAT UNIVERSITY, JAIPUR

INSTITUTE OF ENGINEERING AND TECHNOLOGY

End Term Examination (Backlog), May, 2022

B. Tech. in Civil Engineering, Semester VI

Roll No.....

CE1106: Civil Engineering CAD Lab

Time: 02 hours

Max. Marks: 25

Instructions to students:

1. Do not write anything other than your roll number on question paper.
2. Assume suitable data wherever required and mention it clearly.
3. Writing appropriate units, nomenclature, and drawing neat sketches/schematics/ flow chart wherever, required are an integral part of the answer.
4. Preferably, write the answers in sequential order.

Q.1	Draw neat sketches for following lines 1) Section line 2) Hidden Line 3) Construction Line 4) Extension Line	2.5
Q.2	Draw graphical symbol for:(Any five) (i)Door ii) Wash basin iii) 2 Pin Socket (iv) Brick Masonry (v) Glass (vi) ground level (vii) earth	2.5
Q.3	Draw a neat sketch showing RCC components of lintel with 1:20 scale.	05
Q.4	Draw a line plan to a suitable scale for single storey bank building. Built up area is Limited to 200 m ² .	05
Q.5	A residential Building need to be planned in plot of 18m × 24 m. the plot is with the short side parallel to the road. Road runs in North-South direction with the plot on the eastern side of the road. The following accommodation is required: a) Three bedrooms b) Kitchen c) Living room d) Bath and W.C. and e) Verandah The plinth area of the building may be 125 sq m- 130 sq m Draw to suitable scale Plan of a building.	10