

# MID TERM

Exam

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Sec: B

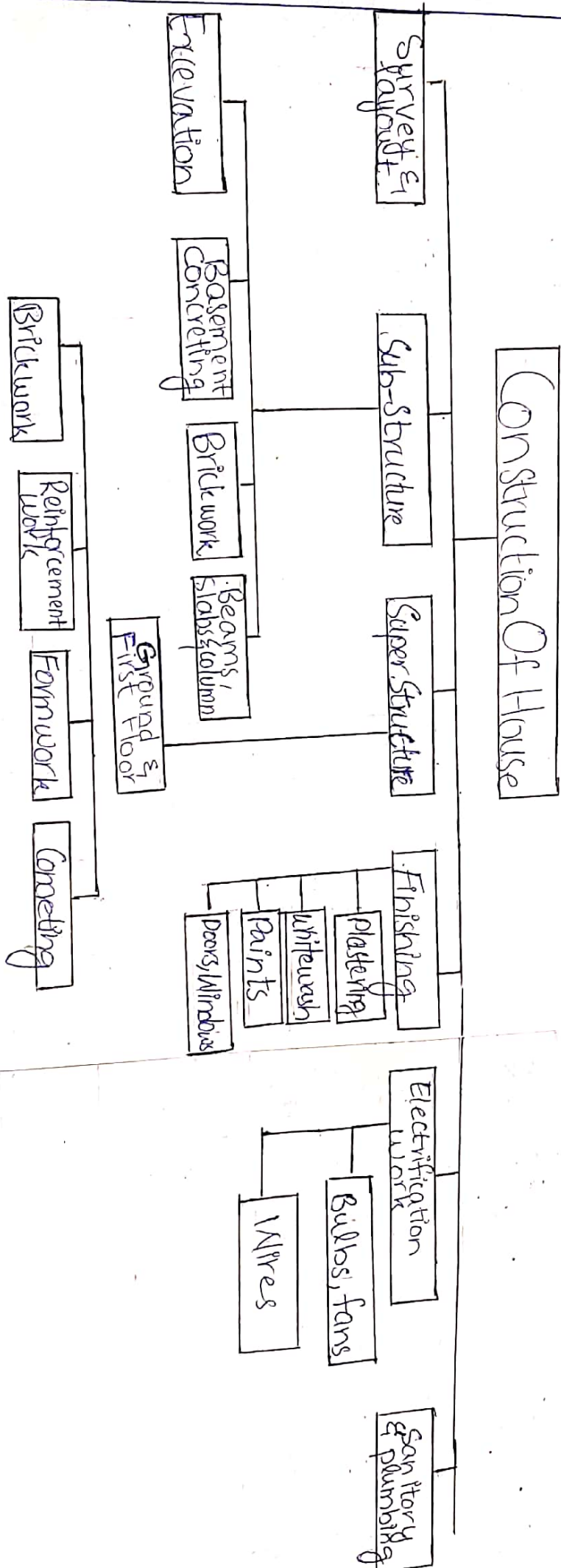
Dept: BE (CE)

Subject: Construction  
Management

Submitted to: Engr Zeeshan  
Ahad

Semester: 8<sup>th</sup>

# Work Breakdown Structure



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Alphabet	Activity	Duration	Predecessor	Slack Time.
A	Survey	1	—	0
B	Layout	1	A	0
C	Excavation	1	B	0
D	Lean concrete (1:4:8)	1	C	0
E	Column footing	1	C	2
F	Steel work for column	1	E	2
G	Form work for column	1	F	2
H	Concrete work for column	1	G	2
I	Brick up to ground level	5	D	0
J	Plastering work for walls	5	I	7
K	Electrification work for all project	5	I	12
L	Sanitary and plumbing	10	I, D	17.
M	Steel work for plinth beam	1	I, H	24
N	Form work for plinth beam	1	M	24



O	Concrete work for plinth beam	1 (2)	N	24-
P	Basement Slab form work	1	I, H	0
Q	Basement Slab <sup>beams</sup> form work	1	P	0
R	Basement Slab <sup>beams</sup> concreting	1	Q	0
S	Extension of column steel work up to first floor	1	R	23
T	Brick work up to first floor level	5	R	0
U	Form work for columns of Ground Story	1	R	3
V	Concrete work for column of Ground Story	1	U	3
W	Form work for beam and slab of ground floor	1	V, T	0
X	Steel work for beam and slab of ground floor	2	W	0
Y	Concrete work for beam and slab of ground floor	1	X	0
Z	Extension of column steel work for first floor	1	Y	14
A <sub>1</sub>	Brick work of first floor	5	Y	0
B <sub>2</sub>	Form work for columns of first floor	1	Y	5

C3	Concrete work in column of first floor	1	B2	5
D4	Form work for beam and slab of first floor	1	C3AI	2
<del>D3</del> E5	Steel work for beam and slab of first floor	1	D4	2
F6	Concrete work for and slab of first floor	1	E5	2
G7	Tile work	10	D1PX	5
H8	over head water tank	6	Y	14
I9	white wash and colour wash	15	J	7
J10	Window frames and door frames	10	I1T1AI	0
K11	Stair case	5	R	23
L12	Ground floor	5	Y	10
M13	First Floor	5	F6	2

