

TASK NO/TJE	TASK NAME	DURATION	START	FINISH	PREDESS -OR
1-	SURVEY	2 days	6/7/20	8/7/20	1
2	DRAINING	4 days	09/7/20	13/7/20	-
3	ARCHITECTURE DRAWING	2 days	08/7/20	9/7/20	-
4	Designing of Building	2 days	11/7/20	12/7/20	2
5	FOOTING MARKING	2 days	14/7/20	15/7/20	3
6	EXCAVATION	4 days	16/7/20	20/7/20	4
7	PCC-BED	3 days	27/7/20	29/7/20	5
8	COLUMN MARKING	1 days	30/7/20	1/7/20	6
9	FOOTING Reinforcement	4 days	2/8/20	10/8/20	7
10	Column Reinforcement	6 days	11/8/20	17/8/20	8
11	Footing Casting	4 days	18/8/20	23/8/20	9
12	Column Starter	2 days	24/8/20	25/8/20	10
13	Column Shutter	3 days	26/8/20	29/8/20	11
14	Filling of Column	2 days	30/8/20	31/8/20	12
15	Curing of column	5 days	1/9/20	6/9/20	13
16	Soil filling (Excavate area)	3 days	7/9/20	13/9/20	14
17	Plinth	15 days	14/9/20	28/9/20	14
18	PCC-Bed (soil, cement)	3 days	13/9/20	15/9/20	-
19	Plinth Beam Reinforce	4 days	16/9/20	20/9/20	-
20	SHUTTERING of beam	6 days	24/9/20	27/9/20	-
21	Filling of beam	1 days	28/9/20	28/9/20	-
22	Column starter of beam	2 days	30/9/20	1/10/20	-
23	Filling upto plinth Be	3 days	3/10/20	5/10/20	16
24	Column Rods Extension	4 days	6/10/20	10/10/20	17
25	Column Shuttering	3 days	11/10/20	13/10/20	18
26	Filling of Column	2 days	14/10/20	15/10/20	19
27	CURING	5 days	17/10/20	21/10/20	20
28	Form WORK	20 days	22/10/20	14/11/20	21
29	Beams	5 days	20/10/20	27/10/20	21
30	Slab	13 days	28/10/20	11/11/20	-
31	Stairs	2 days	12/11/20	14/11/20	-

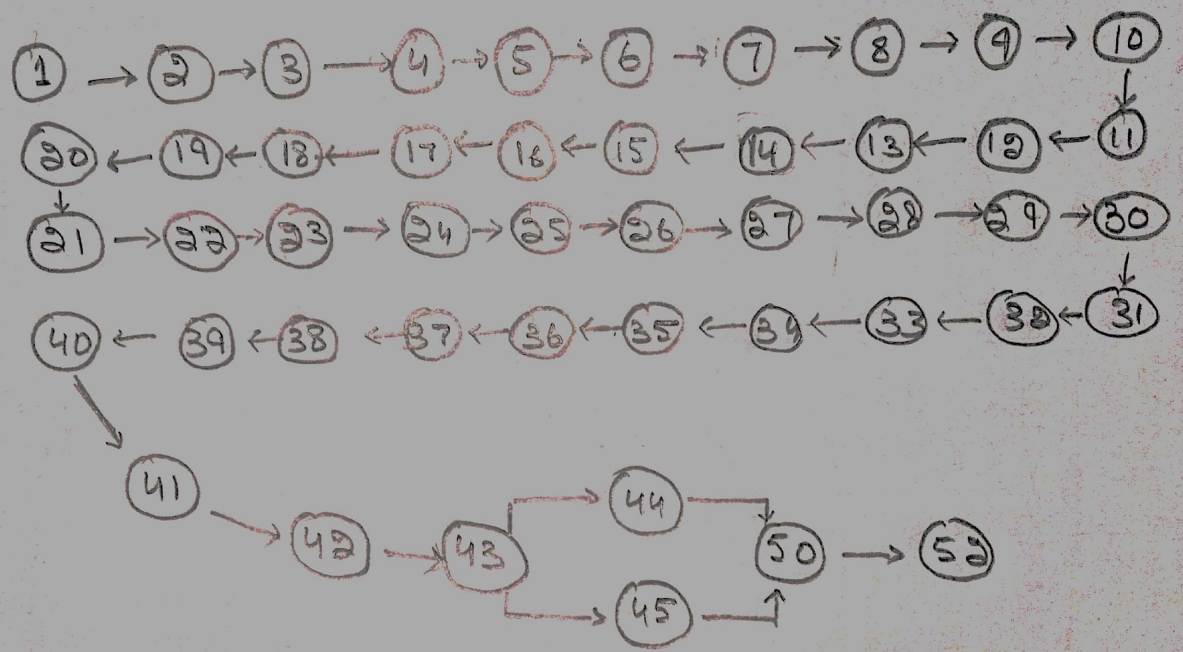


23	REINFORCEMENT	13 days	15/11/20	29/11/20	22
a	Stairs	1 day	15/11/20	15/11/20	-
b	Beams	3 days	16/11/20	18/11/20	-
c	Slab	9 days	19/11/20	29/11/20	-
24	Casting of stairs, slab	1 day	30/11/20	30/11/20	23
25	Curing of concrete	10 days	2/12/20	13/12/20	-
*	<b>GROUND FLOOR</b>	*	*	*	*
26	Column Rods Extension	4 days	15/12/20	19/12/20	-
27	Column shuttering	3 days	20/12/20	22/12/20	26
28	Filling of Column	2 days	23/12/20	24/12/20	27
29	Curing	5 days	26/12/20	30/12/20	-
30	Form work	20 days	2/1/21	24/1/21	-
a	Beams	5 days	7/1/21	6/1/21	-
b	Slabs	13 days	23/1/21	21/1/21	-
c	Stairs	2 days	25/1/21	24/1/21	-
31	Reinforcement	13 day	26/1/21	8/1/21	30
a	stairs	1 days	30/1/21	25/1/21	-
b	Beams	3 days	9/2/21	28/1/21	-
c	Slab	9 days	11/2/21	28/2/21	-
32	Casting	1 days	11/2/21	09/2/21	31
33	Curing of slab	10 days	12/2/21	22/2/21	-
34	Brick work	15 days	23/2/21	11/03/21	33
*	<b>FIRST FLOOR</b>	*	*	*	*
35	Column Rods Extension	4 days	13/3/21	16/3/21	34
36	Column shuttering	3 days	17/3/21	20/3/21	35
37	Filling of column	2 days	22/3/21	22/3/21	36
38	Curing of Column	5 days	23/3/21	28/3/21	37
39	Form Work	20 days	29/3/21	20/4/21	38
a	Beams	5 days	29/3/21	3/4/21	-



b	Slab	13 days	18/5/21	30/5/21	-
c	Stairs	2 days	16/5/21	16/6/21	39
40	Reinforcement	13 days	17/5/21	19/6/21	-
a	stairs	1 day	20/5/21	21/6/21	-
b	beams	3 days	31/5/21	31/6/21	-
c	slabs	9 days	1/6/21	11/7/21	40
41	Casting	1 days	12/6/21	12/7/21	41
42	Curing	4 days	29/6/21	10/7/21	41
43	Brick work	15 days	1/7/21	16/7/21	42
44	Water tank	4 days	16/7/21	20/7/21	43
★	<b>FINISHING WORK</b>	★	★	★	★
45	Gas+Water Fitting	15 days	04/8/21	20/7/21	44
46	Electrical Fitting	13 days	16/8/21	20/7/21	-
47	Landline Fitting	2 days	17/8/21	18/8/21	-
48	Plastering	35 days	14/8/21	31/8/21	45
49	Tile work	30 days	26/8/21	28/8/21	-
50	Wood work	30 days	26/8/21	28/8/21	-
4	<del>Windows</del>	<del>23</del>			
51	Painting	23 days	29/8/21	23/8/21	50
52	Wash room	10 days	7/8/21	17/9/21	-
53	cleaning of house.	1 day	24/9/21	24/9/21	52

# CRITICAL PATH METHOD [CPM]:





d) Provide the maximum time taken by the project:

The maximum time taken by the project is 1 year, 1 month & 24 days

e) Provide which activities would have Slack time:

**Slack time:**

Slacktime can be defined as the amount of time an task can be delayed without causing another task to be delayed or impacting its completion date of your project

0	A	1
0	1	1

1	C	2
1	1	2

2	D	4
2	2	4

4	E	8
4	4	8

8	F	11
8	3	11

11	G	14
11	3	14

11	H	14
11	3	14

14	J	18
14	4	18

18	K	21
18	3	21

21	L	23
21	2	23

23	M	26
23	3	26