

NAME:

FARAN-Ali Khan.

ID: 7395

SUBJECT:

CONSTRUCTION MANAGEMENT

INSTRUCTOR:

DR. ENGR. MUHAMMAD ZUBAIR AHMED

ASSIGNMENT: MID

TASK NO	TASK NAME:	DURATION:	START:	FINISH:	PREDECESSOR:
1-	SURVEY:	3 DAYS:	5-7-2020	8-7-2020	1
2-	DRAWING:	3 DAYS.	9-7-2020	12-7-2020	
3-	ARCHITECTURAL DRAWING	2 DAYS.	13-7-2020	15-7-2020.	2
4-	DESIGNING OF BUILDING	3 DAYS.	16-7-2020	19-7-2020.	3
5-	FOOTING MARKINGS.	4 DAYS	20-7-2020	24-7-2020	4
6-	EXCAVATION	8 DAYS	25-7-2020	2-8-2020.	5
7-	PCC-BED	3 DAYS.	3-8-2020	6-8-2020.	6
8-	COLUMN MARKING (THREAD)	1 DAY.	7-8-2020	8-8-2020.	7
9-	FOOTING REINFORCEMENT.	10 DAYS	9-8-2020	19-8-2020.	8
10-	COLUMN REINFORCEMENT	7 DAYS.	20-8-2020	27-8-2020	9
11-	FOOTING CASTING (SLOPES, STRAIGHTS)	5 DAYS.	28-8-2020	3-9-2020	10
12-	COLUMN STARTERS	3 DAYS	4-9-2020	7-9-2020.	11
13-	COLUMN SCATTER	2 DAYS.	8-9-2020	10-9-2020.	12

14-	Filling Of Column (concrete)	3 Days.	11-9-2020	14-9-2020.	13
15-	Curing Of Column Concrete	6 Days.	15-9-2020	21-9-2020.	14
16-	Soil Filling (Excavated Area)	4 Days.	22-9-2020	26-9-2020.	
17-	Plinth	15 Days.	27-9-2020	13-10-2020.	
(A)-	PCC-BED (Soil, Cement)	4 Days.	14-10-2020	18-10-2020.	
(B)-	Plinth Beam Reinforcement	3 Days.	19-10-2020	22-10-2020.	15
(C)-	Shuttering Of Beam.	7 Days.	23-10-2020	30-10-2020.	16
(D)-	Filling Beam With Concrete	1 Day	31-10-2020	1-11-2020.	17
18-	Column Starter After Plinth.	3 Days.	2-11-2020	5-11-2020.	18
19-	Filling upto Plinth Beam.	4 Days.	6-11-2020	10-11-2020.	19
20-	Columns Rods Extension	5 Days.	11-11-2020	16-11-2020.	20
21-	Column Shuttering.	4 Days.	17-11-2020	21-11-2020.	21
22-	Filling Of Columns (concrete)	3 Days.	22-11-2020	25-11-2020.	
22-	Curing (Sutli).	6 Days.	26-11-2020	2-12-2020.	
22-	Form Work.	3 Days.	3-11-2020	6-11-2020.	22

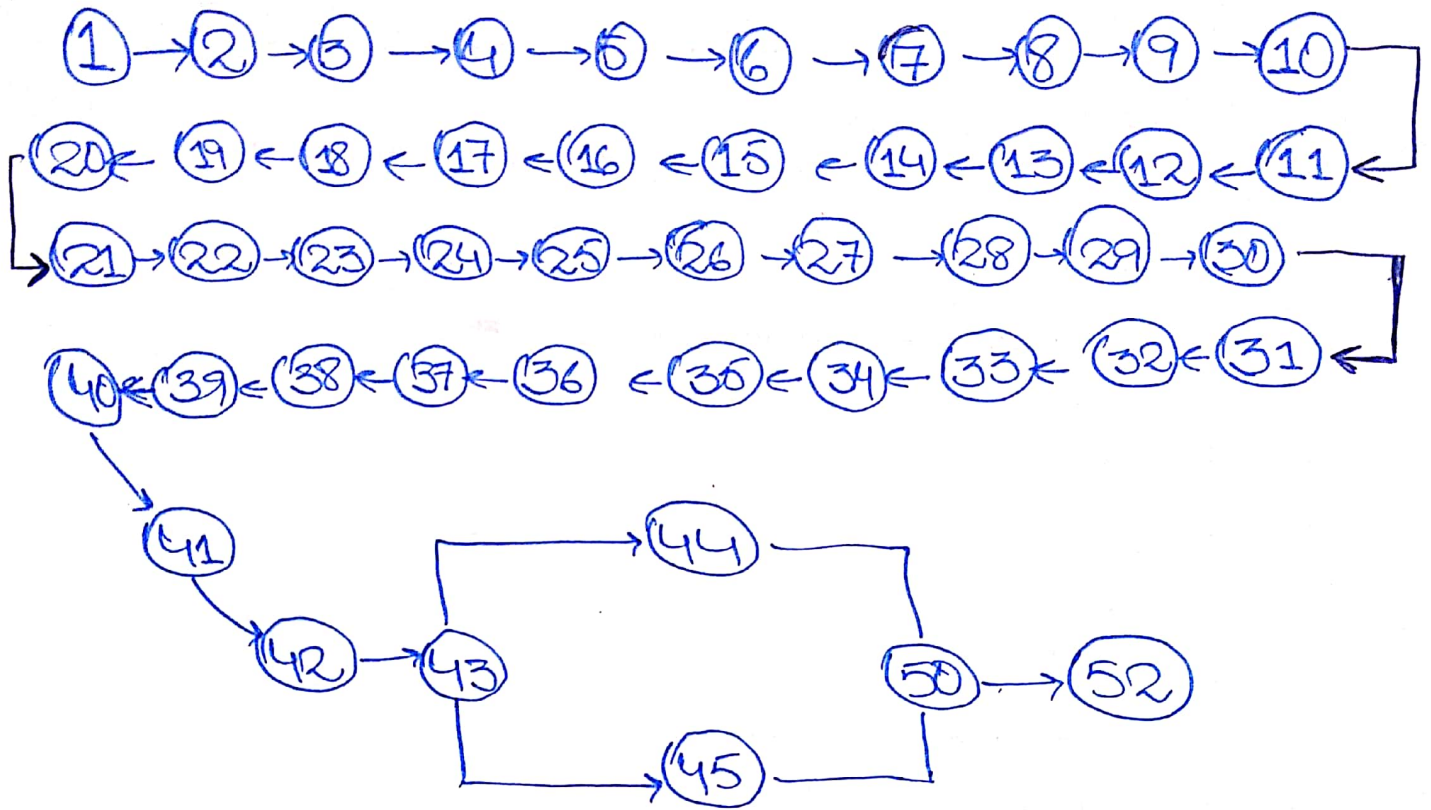
(A)	BEAMS:	6 Days.	7-11-2020	13-11-2020.	23
(B)	SLAB:	15 Days	14-11-2020	29-11-2020.	24
(C)	STAIRS:	3 Days	30-11-2020	1-12-2020.	
23-	REINFORCEMENT:	14 Days	2-12-2020	16-12-2020	25
(A)	STAIRS.	2 Days	2-12-2020	4-12-2020.	26
(B)	BEAMS.	4 Days.	5-12-2020	9-12-2020.	27
(C)	SLAB.	8 Days.	9-12-2020	16-12-2020	28
24-	CASTING OF BEAM, SLAB, STAIRS.	2 Days.	17-12-2020	19-12-2020	
25-	CURING OF CONCRETE: (SLAB).	9-Days.	20-12-2020	29-12-2020.	
*	GROUND FLOOR	—	—	—	—
26-	COLUMN ROD EXTENSIONS	3 Days.	30-12-2020	2-1-2021	25
27-	COLUMN SHUTTERING	4 Days	3-1-2021	7-1-2021	26
28-	FILLING OF COLUMN (concrete)	3 Days	8-1-2021	11-1-2021.	27
29-	CURING (SWITCH).	6 Days.	12-1-2021	18-1-2021	28

30-	FORM WORK:	26 DAYS.	19-1-2021	13-2-2021	29
(A)	BEAM	6 DAYS	19-1-2021	25-1-2021	
(B)	SLAB	16 DAYS	25-1-2021	11-2-2021	
(C)	STAIRS.	2 DAYS	11-2-2021	13-2-2021.	
31-	REINFORCEMENT:	13 DAYS	14-2-2021	27-2-2021	30
(A)	STAIRS	1 DAY.	14-2-2021	15-2-2021.	
(B)	BEAM / SLAB:	12 DAYS.	15-2-2021	28-2-2021-	40
(C)	COLUMN:	"	"	"	.
32-	CASTING (CONCRETE/SLAB)	10 DAYS.	1-3-2021	10-3-2021	41
33-	CURING OF SLAB.	9 DAYS	11-3-2021	20-3-2021.	42
34-	BRICK WORK.	15 DAYS.	21-3-2021	4-4-2021	43
*	FIRST FLOOR:	—	—	—	—
35-	COLUMN RODS EXTENSION	4 DAYS	5-4-2021	9-4-2021.	34
36-	COLUMN SHUTTERING	3 DAYS.	10-4-2021	13-4-2021	35
37-	FITTING OF COLUMN.	2 DAYS	14-4-2021	16-4-2021	36

38-	CURING OF COLUMNS	5 DAYS	17-4-2021	22-4-2021	37
39-	FORM WORK:	20 DAYS.	23-4-2021	13-5-2021	38
(A)	BEAMS.	5 DAYS	23-4-2021	28-4-2021	
(B)	SLABS.	13 DAYS	29-4-2021	12-5-2021	
(C)	STAIRS.	2 DAYS	12-5-2021	13-5-2021	
40-	REINFORCEMENT (STAIRS, BEAMS)	13 DAYS	14-5-2021	26-5-2021	
41-	CASTING CURTAIN	10 DAYS	27-5-2021	06-6-2021	
42-	CURING OF SLAB	9 DAYS	07-6-2021	16-6-2021	
43-	BRICK WORK (WATER TANK)	20 DAYS	17-6-2021	06-7-2021	
*	FINISHING WORK	—	—	—	—
44-	GAS+WATER FITTING	15 DAYS	07-7-2021	22-7-2021	44
45-	ELECTRICAL FITTING.	13 DAYS.	23-7-2021	5-8-2021	
46-	LANDLINE FITTING.	2 DAYS.	6-8-2021	8-8-2021	41
47-	PLASTERING	30 DAYS.	9-8-2021	8-9-2021	

48-	TILE WORK.	25 DAYS	9-9-2021	4-10-2021	
49-	WOOD WORKS	30 DAYS	5-10-2021	4-11-2021	45
(A)	DOORS.	15 DAYS	5-10-2021	20-10-2021	
(B)	WINDOWS.	15 DAYS	21-10-2021	4-11-2021.	
50-	WASHROOM SANITORY.	30- DAYS	5-11-2021	5-1-2022.	50
51-	PAINTINGS.	25-DAYS	6-1-2022	31-1-2022.	
52-	CLEANING OF HOUSE.	2 DAYS	1-2-2022	3-2-2022.	52

## (6) Critical Path Method (CPM):



## (d) Maximum Time Taken By Project:

The maximum time taken by project is;

1-year, 8 months & 8 days.

(e):

→ All the finishing of project would have slack time, as it needs more attention.

→ Slabs, and curing of slabs and beams have slack time.

→ Electrical fittings & tiles also have slack time.