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I.D :- 7738

Sec :- "C"

Subject :- Construction

Management.

Submitted to:- Sir Zeeshan Ahmad.

Date :- 18-04-2020.

Q1) a. - Activity list of two story building.

⇒ Survey.

⇒ Excavation.

⇒ Compaction.

⇒ 1:4:8 lean concrete.

⇒ Column foundation steel fixing.

⇒ Column concreting.

⇒ PCC foundation.

⇒ Foundation plinth.

⇒ Plinth beam.

⇒ Brick work upto roof.

⇒ Formwork.

⇒ Slab concrete + ceiling.

⇒ Beam and column in first floor.

⇒ Plumbing work + electric pipes. (G.F.)

⇒ Brick work in first floor.

⇒ Plastering in ^{ground} ~~first~~ floor.

=> Finishing (G.F).

=> Slab concrete in first floor.

=> Paint works in house.

=> Site clearing.



Break down structure:

New home.
↓ Survey

Sub structure.

Super structure.

- Excavation
- Compaction
- 1:4:8
- Column foundation
steel fixing
- Pcc foundation
- foundation plinth
- Plinth beam

- Brick work.
- Form work.
- slab concrete + curing.
- beam and column.
- ~~Pcc~~ Brick work in F.F.
- slab concrete in F.F.

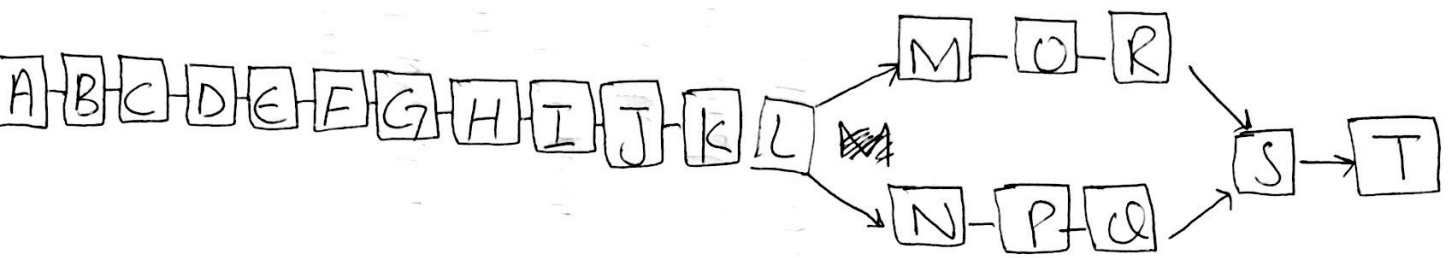
Electric work

Plumbing

Paints

S.No	Activity	Start date	Duration	End date
A	Survey	21-04-2020	3	24-4-2020
B	Excavation	25-4-2020	7	1-5-2020
C	Compaction	2-5-2020	2	3-5-2020
D	1:4:8 lean concrete.	4-5-2020	1	4-5-2020
E	column foundation steel fixing	5-5-2020	2	6-5-2020
F	column concreting	7-5-2020	1	7-5-2020
G	PCC foundation	8-5-2020	3	10-5-2020
H	Foundation Plinth	11-5-2020	13	23-5-2020
I	Plinth beam	24-5-2020	2	25-5-2020

S.No	Activity	start date	Duration	end.d.
J	Brick work upto roof	26-5-2020	22	18-6-2020
K	Formwork	19-6-2020	4	22-6-2020
L	Slab concrete + curing	23-6-2020	11	4-7-2020
M	Beam and column in (F.F)	5-7-2020	3	8-7-2020
N	Plumbing work electric pipes (G.F)	5-7-2020	6	10-7-2020
O	Brick work in (F.F)	9-7-2020	20	²⁸ 8 -8-2020
P	Plastering in (G.F)	¹¹ 6 -8-2020	11	²¹ 16 -8-2020
Q	Finishing (G.F)	²² 17 -8-2020	2	²³ 18 -8-2020
R	Slab concrete in (F.F)	29-8-2020	10	8-9-2020
S	Paints	09-9-2020	18	26-9-2020
T	sit cleaning	27-9-2020	2	28-9-2020



Ans: Critical Path:

A, B, C, D, E, F, G, H, I, J, K, L, M, O, R, S, T.

Ans, D:-

The maximum Time taken by Project is 124 days or 18 weeks.

Ans(e):-

N, P, Q activities are slack Time.

