

PROFESSIONAL PRACTICE

pared by :

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(Architecture)

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RAJUK approved Floor Area Ratio (FAR) & Maximum Ground Coverage (MGC) for Residential & Commercial (office) building construction

Sl. No	Size of Plot		Residential Building			Commercial Building (office)		
	Square Meter	Katha	Width of Road (meter)	FAR	MGC %	Width of Road (meter)	FAR	MGC %
01	134 sqm or less	2 katha or less	6.0	3.15	67.50	6.0	2.50	67.50
02	More than 134 sqm upto 201 sqm	More than 2 katha upto 3 katha	6.0	3.35	65.00	6.0	3.00	65.00
03	More than 201 sqm upto 268 sqm	More than 3 katha upto 4 katha	6.0	3.50	62.50	6.0	3.00	65.00
04	More than 268 sqm upto 335 sqm	More than 4 katha upto 5 katha	6.0	3.50	62.50	6.0	3.50	62.50
05	More than 335 sqm upto 402 sqm	More than 5 katha upto 6 katha	6.0	3.75	60.00	6.0	3.50	62.50
06	More than 402 sqm upto 469 sqm	More than 6 katha upto 7 katha	6.0	3.75	60.00	6.0	3.75	60.00
07	More than 469 sqm upto 535 sqm	More than 7 katha upto 8 katha	6.0	4.00	60.00	6.0	4.50	57.50
08	More than 535 sqm upto 603 sqm	More than 8 katha upto 9 katha	6.0	4.00	60.00	9.0	5.50	57.50
09	More than 603 sqm upto 670 sqm	More than 9 katha upto 10 katha	6.0	4.25	57.50	9.0	6.00	55.00
10	More than 670 sqm upto 804 sqm	More than 10 katha upto 12 katha	9.0	4.25	57.50	9.0	6.50	55.00
11	More than 804 sqm upto 938 sqm	More than 12 katha upto 14 katha	9.0	4.75	55.00	9.0	7.00	52.50
12	More than 938 sqm upto 1072 sqm	More than 14 katha upto 16 katha	9.0	5.00	52.50	9.0	7.50	52.50
13	More than 1072 sqm upto 1206 sqm	More than 16 katha upto 18 katha	9.0	5.25	52.50	9.0	8.00	50.00
14	More than 1206 sqm upto 1340 sqm	More than 18 katha upto 20 katha	9.0	5.25	50.00	9.0	8.50	50.00
15	More than 1340 sqm	More than 20 katha	12.0	5.50	50.00	12.0	9.50	50.00
16	Any Size	Any Size	18.0	6.00	50.00	18.0	Non Restricted	50.00
17	Any Size	Any Size	24.0	6.50	50.00	24.0	Non Restricted	50.00

1 sqm = 10.76 sft.

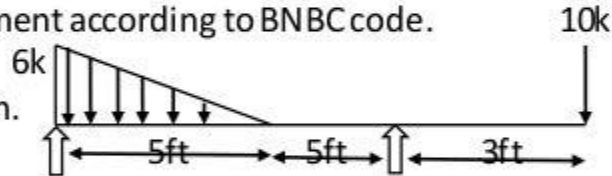
রাজউক- সহকারী প্রকৌশলী নিয়োগ পরীক্ষা-২০১৪

প্রশ্নপত্র তৈরি করেছে MIST

টেকনিক্যাল-৫০ মার্ক সাধারণ জ্ঞান-২০ মার্ক, সময় ১ ঘন্টা ৩০ মিনিট

1. What is CBR ? How is it performed ?
2. Draw soil phase diagram for
 - (a) Saturated soil
 - (b) dry soil
 - (c) partially saturated soil
3. A footing has to be designed for sloppy land where lateral load acting. Which method will you select and why ?
 - (a) Meyerhof
 - (b) terzaghi
 - (c) Hansen
4. Draw the load distribution curve for rigid and flexible pavement.
5. What is engineering ethics ? Write down some principle of it.
6. Write 5 letters of soil classification USBR and express their meaning.
7. State Hooks law. Modulus of elasticity. Draw stress strain curve and show different points including upper yield point and lower yield point.
8. What is WSD & USD, differentiate them.
9. Why factor of safety is taken? RCC design related write 4 uncertainties.
10. Define compaction & consolidation.
11. Define true slump, shear slump, collapse slump.
12. What is admixture? Why is it used?
13. Write down the rules for corner reinforcement according to BNBC code.

14. Draw SFD and BMD For the following Beam.



14. Translate (Eng to Ban)
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16. General Knowledge

রাজউক- সহকারী অথরাইজড অফিসার নিয়োগ পরীক্ষা-২০১৪

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1. Write the types of building according to BNBC. Write five example of business and mercantile building.
2. What is concrete ? write down it's components.
3. What is water dam ? Why it is constructed ?
4. Write short note
Green building, GIS, FAR,
5. Write down the name of information that must be included to authorize a plan.
6. কোন building এর গ্রাউন্ড ফ্লোর flood level এর নিচে করা উচিত নয় কেন ?
7. What is DAP ? write the purpose .
8. How the dead load assessed with structural member ?
9. Write down the name of work that can be done by the Govt. authority without the permission of

house owner.

10. কিছু চিত্র দেয়া আছে, Top view, front view, side view আঁকতে হবে