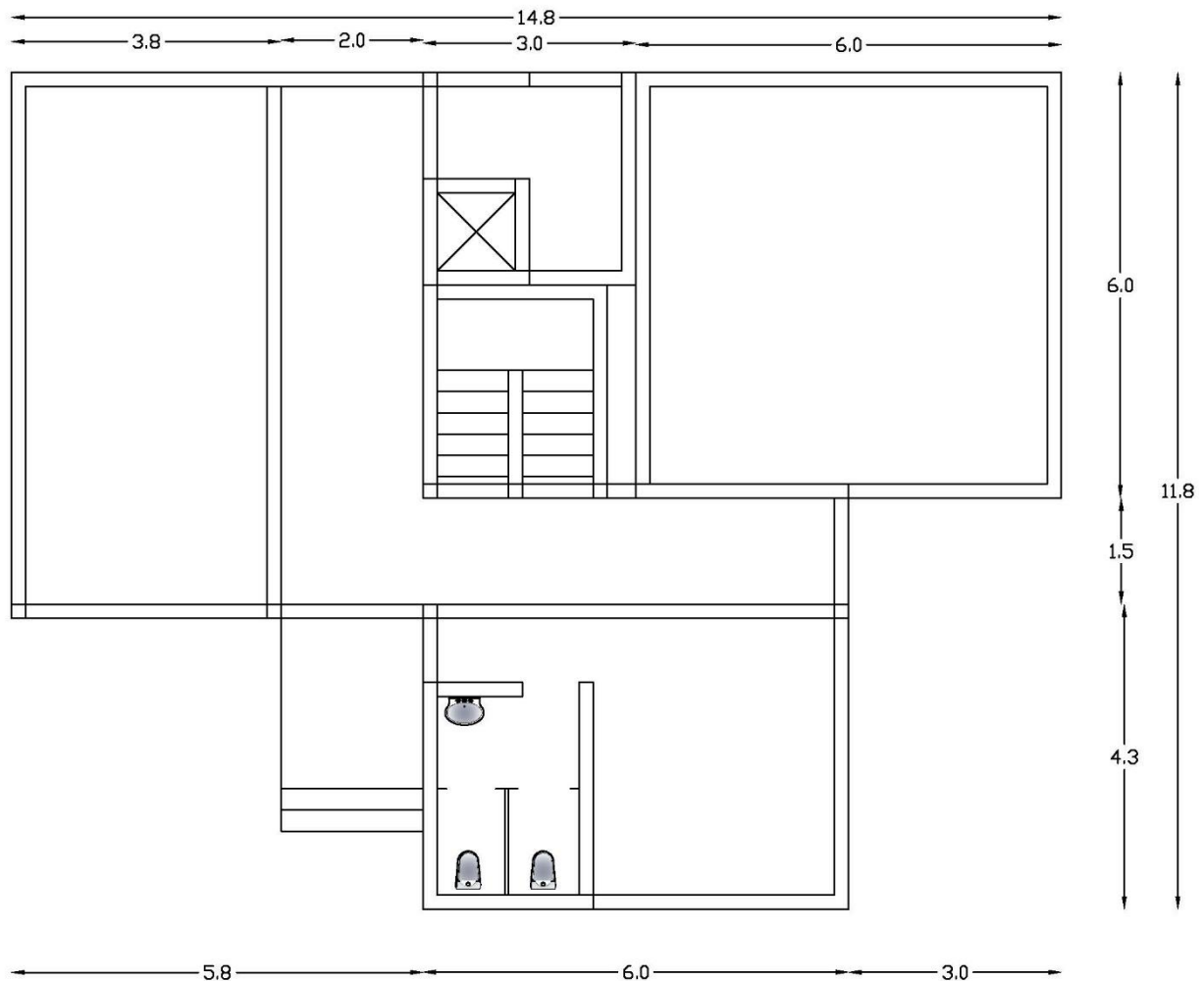


Working Drawing Question Bank

Q/ Answer the followings:

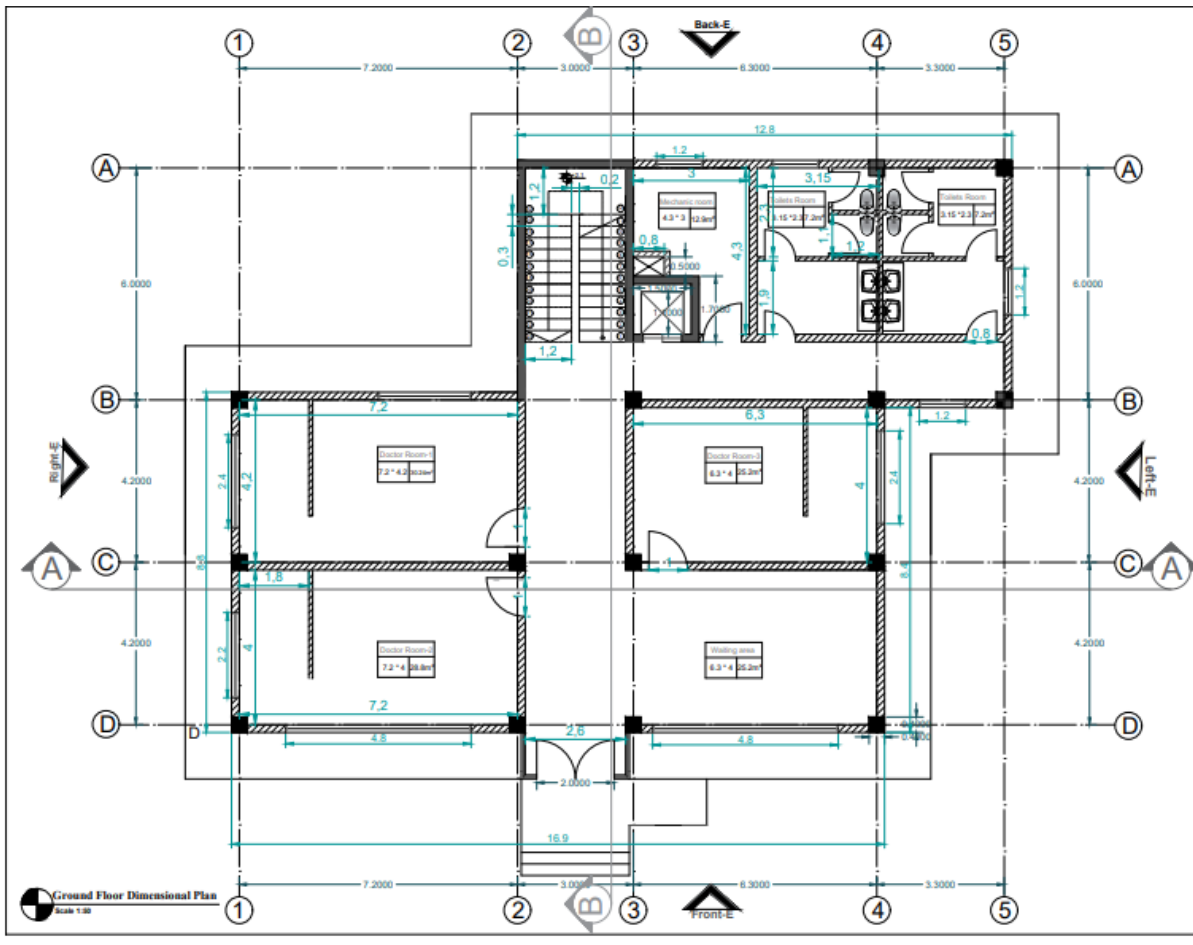
1. What are the types of foundations?
2. Which one is the most economical one? Why?
3. Draw the details of that economic foundation.
4. What is the difference between flat slab and conventional slab?
5. What is shallow foundation?
6. What is pile foundation?
7. What is hollow core slab?
8. What are the dimensions of hollow core slab?
9. What is precast slab?
10. What are claddings used for exterior walls?
11. What are the claddings used for interior walls?
12. What is porcelain?
13. What are the types of porcelain installation?
14. What are the insulation materials?
15. What is floating floor?
16. What are the benefits of floating floor?
17. What is ventilated façade?
18. What are advantages of ventilated façade?
19. Rearrange the plan by putting columns and beams according to the modules .
20. The plan has front desk with waiting area, two doctors room with their examination within it and the core.
21. So rearrange it and put the center lines, dimensions and doors, windows with their identifying signs on them.
22. Redesign the core and rest area (the height between the floors is 4.2m riser =0.2m) (10%)
23. Draw the foundation plan for it.
24. Draw the details and tables of door and window.

Working Drawing Question Bank



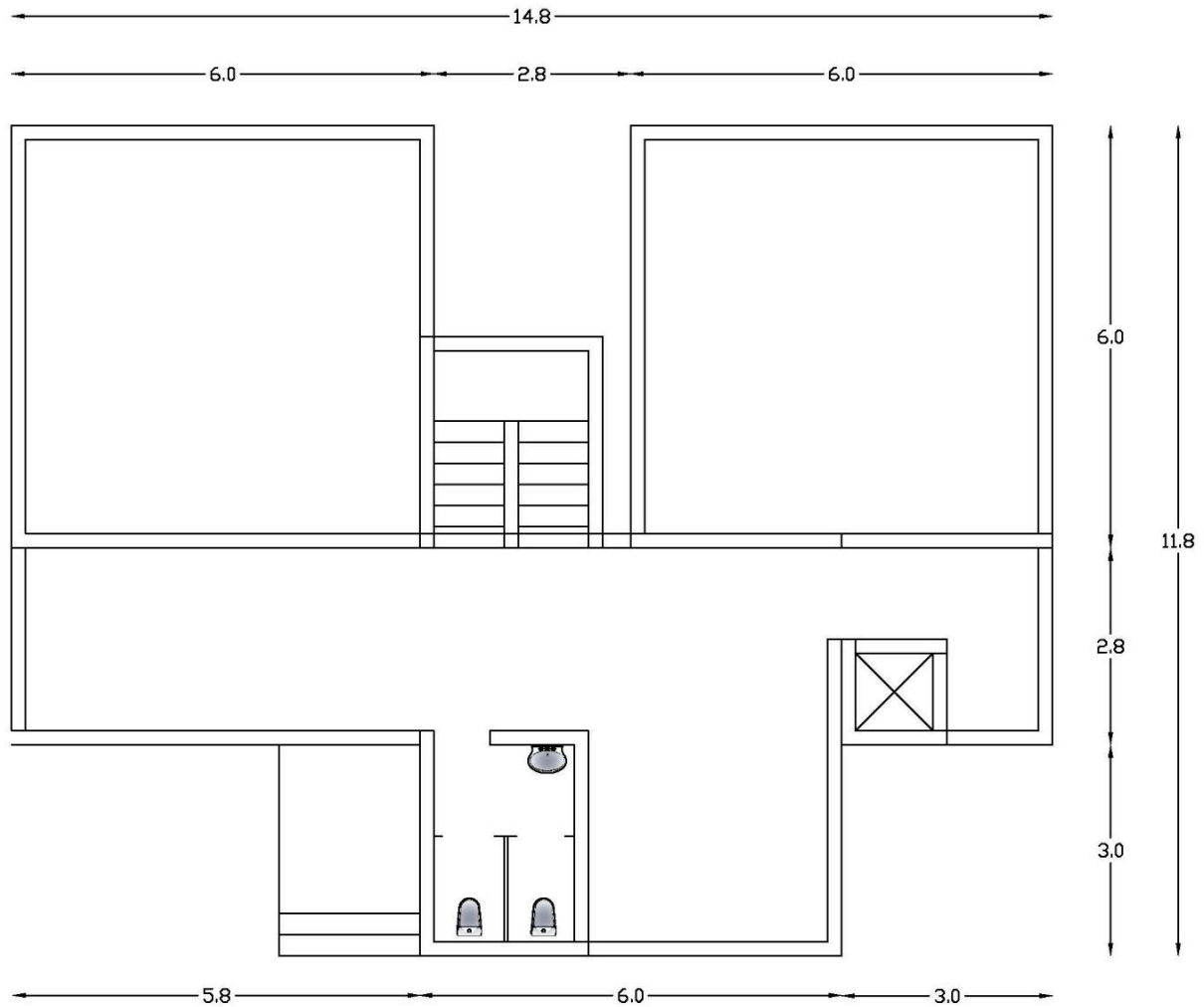
25. Rearrange the plan by putting columns and beams according to the modules. The plan has front desk with waiting area, two doctors' room with their examination within it and the core.
26. So, rearrange it and put the centre lines, dimensions, doors and windows, as you should redesign the core and rest area (the height between the floors is 4.2m riser = 0.2m)
27. Draw the porcelain on the front elevation plan.
28. Draw the hollow core slab plan for it.
29. Redraw the plan and draw interior, exterior claddings and floor finishing for it.
30. Draw the foundation plan for the below plan.
31. Draw one section showing all details which should pass through stair, consider there are 3 storeys show the foundation too.
32. Draw the front elevation (Porcelain)

Working Drawing Question Bank



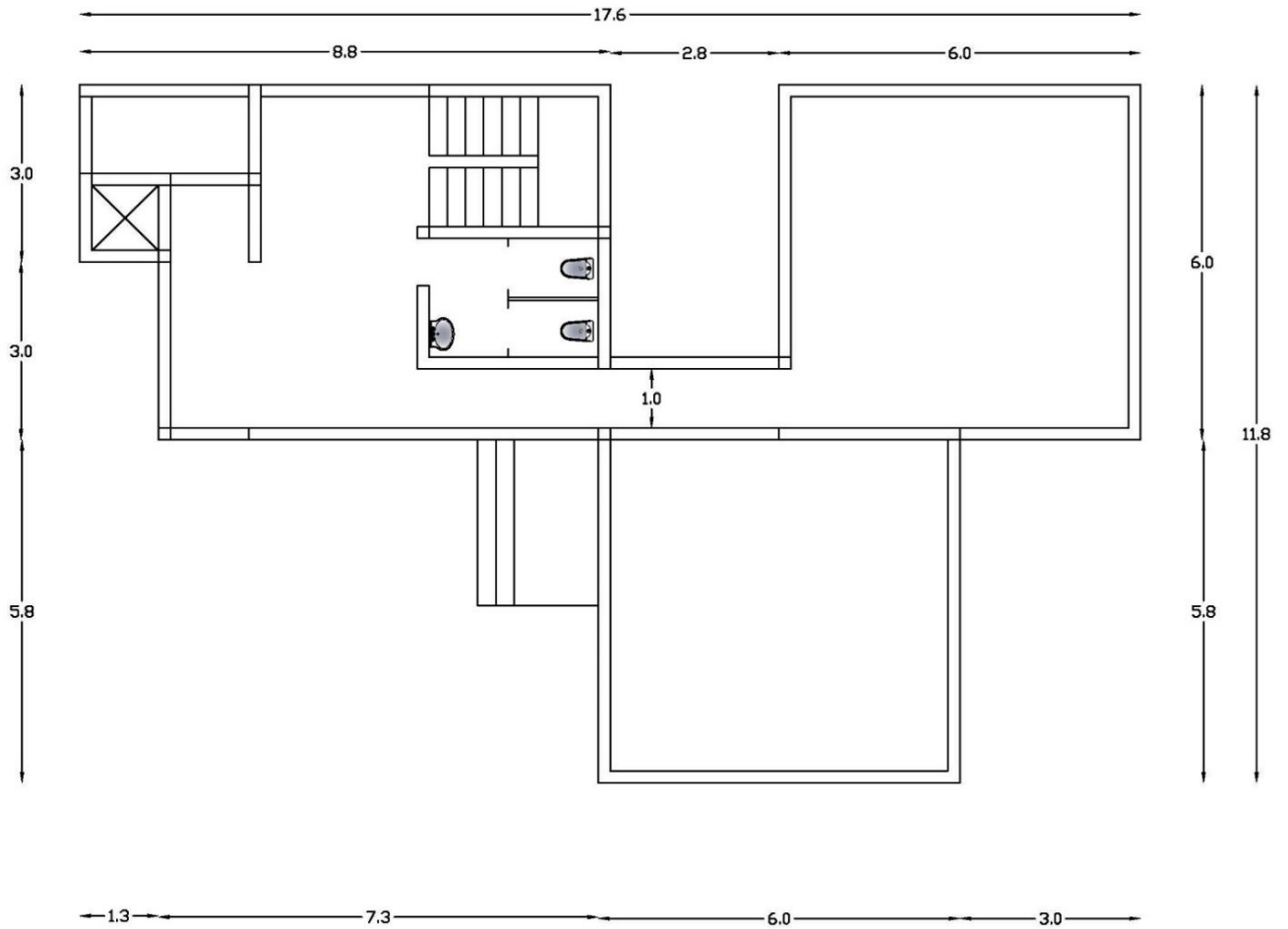
33. Rearrange the plan by putting columns and beams according to the modules.
34. The ground floor plan has front desk with waiting area, doctor room with their examination within it, X-ray room and the core.
35. So rearrange it and put doors, windows, the center lines and dimensions. Redesign the core (the height between the floors is 4.2m and consider the stair riser = 0.2m) while the elevator is for 6 person and rest area should have 2 toilets in each side for male and female.
36. Draw one section showing all details which should pass through stair and elevator consider u have 3 storeys but elevator does not go to the 3rd floor as u should show the foundation too.
37. Draw the porcelain in the front elevation plan and gypsum board for X-ray room.
38. Draw the details of porcelain and gypsum board in X-ray room. (15%)

Working Drawing Question Bank



39. Rearrange the plan by putting columns and beams according to the modules .
40. The plan has front desk with waiting area, doctor room with their examination within it and the core.
41. So rearrange it and put doors, windows, the center lines and dimensions. Redesign the core and rest area (the height between the floors is 4.2m riser =0.2m)
42. Draw the slab plan (precast hollow slab)
43. Draw the porcelain in the front elevation and gypsum board for one of the room's interior walls in the plan.
44. Draw the details of porcelain and gypsum board and draw tables for door, window and slab (precast hollow core slab).

Working Drawing Question Bank



Good Luck