Ministry of Higher Education & Scientific Research

Salahaddin University - Hawler

College of Engineering

**Department of Architecture** 

Question Bank

2022-2023

Architecture Design 8

Fourth Year

Lecturer: Nazik Jamal

- 1. Name the hospital types according to their size?
- 2. List the hospital types according to the medical specialists?
- 3. What are the hospital types according to the owners of the hospital?
- 4. Draw the Pyramid Hierarchic for Health Care Buildings according to Health Care Levels
- 5. What are the hospital expansion possibilities? enhance your answer with sketches
- 6. Draw the possible hospital forms?
- 7. What are the planning conceptions for hospital project? enhance your answer with sketches.
- 8. Analyze the selected site according to location factors.
- 9. How many Entrances have to be provided in general hospital site project?
- 10. What are general hospital departments?
- 11. Draw the functional flow chart for general hospital.
- 12. Define the surgical department.
- 13. How to organize surgical department? enhance your answer with sketches
- 14. Define Admitting department.
- 15. Draw the functional flowchart of admitting department.
- 16. Define Horizontal and vertical circulation in hospital project.
- 17. What is hospital street?
- 18. Define the General Ward Department
- 19. Draw the functional flowchart of general ward department.
- 20. What are the possible plan shapes for general ward department? enhance your answer with sketches
- 21. Draw the flow chart of nursing unit in ward department.
- 22. Define the Development of architectural concepts? Enhance your answer with examples
- 23. Define the outpatient department.
- 24. Draw the Functional Relations of Outpatient Department.
- 25. Draw the Different design configurations for outpatient clinics.
- 26. What is the diagnostic X-Ray department and what are the parts of it?
- 27. sketch the flow chart of Diagnostic unit in general hospital.
- 28. Draw the typical X ray room, MRI room and CT scan room.
- 29. Define the Laboratory Department.
- 30. What are the main laboratory disciplines in hospitals?
- 31. Draw a typical plan layout for laboratory department that shows the preliminary planning.
- 32. Define the pharmacy department with its essential parts?
- 33. Describe the physical therapy department in general hospital. Enhance your answer with sketches
- 34. Draw a typical plan layout for physical therapy department in general hospital.
- 35. Define the Emergency department in general hospital.

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- 36. Draw a typical plan layout for Emergency department in general hospital.
- 37. Define the Maternity department in general hospital.
- 38. Draw a typical plan layout for Maternity department in general hospital.
- 39. Define the mortuary department in general hospital.
- 40. Draw a typical plan layout for mortuary department in general hospital.
- 41. Draw Three proposals of the entrances and zoning allocation for your hospital project according to the selected site.
- 42. Prepare a study about the latest design and technical issues related to each department in general hospital project.
- 43. Draw a sketch for general hospital and clarify the circulation according to [patients, staff, material, and visitors] movement.
- 44. Concept certification and development (building and site plan), acceptable signature only on sketch concept not on zoning or floor plans.
- 45. Facade concept; either staff certification OR (if not available) you might use any reference of health buildings facades don't use other buildings types references unless proof matching.
- 46. Draw site plan; buildings top view, parking, streets, pedestrians, entries soft and hard surface.
- 47. Draw floor plans
- 48. Draw facades & sections
- 49. Draw bird eye perspective (only one)
- 50. Draw regular horizon perspectives (two); one near entry, the second from main road station point
- 51. What are the main factors that you depend on for selecting site for 5-star hotel?
- 52. Approved concept (concept development)
- 53. Draw site plan 1/500
- 54. Draw floor plans 1/200
- 55. Draw 3D model bird-eye and real horizon
- 56. Draw all facades(elevations) with sky lines 1/200
- 57. Draw one detailed section reflecting your concept 1/200.
- 58. What are the basic theories about hotel planning?
- 59. Mention types of hotels and their degree of standardization?
- 60. List hotel characteristics according to their types.
- 61. How to evaluate hotels according to location factors?
- 62. What are the essential Site Factors For hotel design according to the Human being?
- 63. What are the essential Site Factors according to the Natural Factors?
- 64. What are the essential Site Factors according to the urban design?
- 65. Define essential parts of back of the house.
- 66. Draw the flow diagram of service area for hotel project.

Ministry of Higher Education & Scientific Research
Question Bank
Architecture Design 8

Salahaddin University - Hawler
Question Bank
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College of Engineering
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Department of Architecture
Second Second

Lecturer: Nazik Jamal

- 67. Define essential parts of front of house.
- 68. Draw the diagram to enhance the relationship between hotel entrances, lobbies and circulation.
- 69. Explain the functional relationship between the hotel parts, enhance your answer with sketches.
- 70. Mention the public facilities inside the hotel.
- 71. Business center contains many types of meeting rooms name and draw sketches for each type.
- 72. Define the Internal transportation inside the hotel building
- 73. Classify the elevator types in 5-star hotel according to type and size.
- 74. Define the functional zones for guest rooms and suites
- 75. What are the types of guest rooms according to the room size?
- 76. What is the standard Planning and design for guest room and suits?
- 77. Draw the diagram that shows the Relationship between operational areas.
- 78. Identify the Typical laundry and housekeeping space requirements per guestroom.
- 79. Draw Three proposals of the entrances and zoning allocation for your hotel project according to the selected site.
- 80. Prepare a study about the latest design and technical issues related to the 5-star hotel design.