Syllabus for DGM/Senior Manager (Architecture) Vacancy Notice No. 01/2022

Domain Knowledge

70%

Item	Description
Architecture and	Planning and design considerations for different building types,
Design	Anthropometrics, Site planning, Barrier-free design, Circulation-
	horizontal and vertical, Space Standards, National Building Code
	and Building Bye-laws.
Transit Architecture	Passenger flow, circulation areas, Station Egress Capacity,
	Design Calculations, SOD's and other design parameters
Building Materials,	Behavioural applications and characteristics of various building
Construction &	materials, Fire resistance and Ratings, Low VOC, Estimation,
Management	Specification, professional practice, Project management
	techniques, Construction planning and equipment e.g. CPM, PERT
	etc.
Environmental	Green Building- Concepts & Rating, ECBC, Climate responsive
Planning & Design	design, Solar architecture, IGBC Certification
Urban Design	Site planning, Landscape design, Development controls- FAR,
	densities, building byelaws
Urban Planning &	Residential densities, Standards for housing and community
Housing	facilities.
	Types of plans - City Development Plan, Master Plan, Structure
	Plan, Action Area Plan, Zonal Plan, Town Planning Scheme,
	Emerging concepts of cities - Smart City, Eco-City, SEZ
	Transit Oriented Development (TOD) and SRZ
	Sustainable urban development
Building Services	Basic Concepts of the following:
	Plumbing and Fire Fighting systems
	Electrical and Mechanical systems
	Fire Alarm and Detection systems
	Tele-communication systems
	Signaling Systems
	Escalator, Lifts and Travellators
Software Skills	Auto CAD 2D, MS Office, Adobe -Photoshop and PDF, Revit,
	Navisworks and other BIM software
Contract Management	Contract Management, FIDIC, EPC, etc

Syllabus for Manager/Assistant Manager (Architecture) Vacancy Notice No. 02/2022

Domain Knowledge

70%

Item	Description
Architecture and	Planning and design considerations for different building types,
Design	Anthropometrics, Site planning, Barrier-free design, Circulation-
	horizontal and vertical, Space Standards, National Building Code
	and Building Bye-laws.
Transit Architecture	Passenger flow, circulation areas and Egress Capacity calculations
Building Materials,	Behavioural applications and characteristics of various building
Construction &	materials, Fire resistance and Ratings, Low VOC, Specifications
Management	
Environmental	Green Building- Concepts & Rating, ECBC, Climate responsive
Planning & Design	design, Solar architecture.
Urban Design	Site planning, Development controls norms and building byelaws,
	Transit Oriented Development (TOD), Design of road
	intersections, parking norms
	Integration of various Transportation modes, urban form inter-
	relationships, Design of road intersections, parking areas
	Mass Rapid transport systems, Pedestrian and Non-Motorized
	infrastructure.
Urban Planning &	Residential densities, Standards for housing and community
Housing	facilities.
	Types of plans - City Development Plan, Master Plan, Structure
	Plan, Action Area Plan, Zonal Plan, Town Planning Scheme,
	Emerging concepts of cities - Smart City, Eco-City, SEZ
	Transit Oriented Development (TOD) and SRZ
	Sustainable urban development
Building Services	Basic Concepts of the following:
	Plumbing and Fire Fighting systems
	Electrical and Mechanical systems
	Fire Alarm and Detection systems
	Tele-communication systems
	Signaling Systems
	Escalator, Lifts and Travellators
Software Skills	AutoCAD 2D, MS Office, Adobe -Photoshop and PDF, Revit,
	Navisworks and other BIM software

Syllabus for Junior Manager (Architecture) Vacancy Notice No. 03/2022

70%

30%

Domain Knowledge

Item	Description
Architecture and	Planning and design considerations for different building types,
Design	Anthropometrics, Site planning, Barrier-free design, Circulation-
	horizontal and vertical, Space Standards, National Building Code
	and Building Bye-laws.
Transit Architecture	Passenger flow, Circulation areas
Building Materials,	Various architectural building materials and their applications,
and Construction	Fire resistance and Ratings, Low VOC
Environmental	Green Building Concepts, Climate responsive design, Solar
Planning & Design	architecture.
Urban Design	Site planning, Development controls norms and building byelaws,
	Transit Oriented Development (TOD), Design of road
	intersections, parking norms
Building Services	Basic Concepts of the following:
	Plumbing and Fire Fighting systems
	Electrical and Mechanical systems
	Fire Alarm and Detection systems
Software Skills	AutoCAD 2D, MS Office, Adobe- Photoshop and PDF

General Awareness, English, Reasoning ≈