"જુનિયર પ્રોગ્રામર" લેખિત ની લેખિત પરીક્ષાનો અભ્યાસક્રમ

(માધ્યમ:-અંગ્રેજી)

Sr. No	Details	Marks
1	General Knowledge, Mathematics, Logical Reasoning, English	20
2	**Database and Data Structure** Integrity Constraints, Normal Forms, File Organization, Indexing, Transactions and Concurrency Control, Data Storage Technologies and Network	35
3	**Software Development and Software Engineering** Software engineering principles, SDLC, Agile Programming, Software Testing and project management Understanding in programming concepts; practical knowledge in HTML/XML/PHP/Java/Ajax/.net/VB/C#; Familiarity in Open source tools usage in software development; platforms and Operating systems; Web servers – Microsoft IIS, Apache, Web services and applications; Software process and SDLCs; DBMS, SQL; Feasibility and Requirement analysis; Software design, software testing and maintenance; Software quality, assurance, certification; SCADA, Service-Level Agreement (SLA).	35
4	**Current Trends and Recent Advancement in the IT field. Government IT Policies and IT Project**	10
	Total	**100**