

NCB Official Analyst)	Cadre (Lab	CDR-03	<p style="text-align: center;"><u>Written and Skill Test</u></p> <ul style="list-style-type: none">• Cement and its type, hydration mechanism, knowledge of physical and chemical properties of cement and its importance/ role in construction. Knowledge of latest BIS codes of specifications and testing of cement. Types of cementitious materials and their specifications and testing as per latest BIS standards.• Types of aggregates, knowledge of physical testing of aggregates and their specifications as per latest BIS standards.• Hardened Concrete: Knowledge of concrete mix proportions and mechanical properties of hardened concrete as per latest BIS standards.• Knowhow of durability parameters of hardened concrete along with awareness of latest BIS standards.• Testing of other building materials such as bricks, steel bar, tiles, paver blocks etc as per latest BIS standard.• Quality Management Systems: Awareness about ISO/IEC 17025: 2017• Computer literacy: Knowhow of MS-office for report preparation.
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