

## NOTICE

### Co-Cube PRE Assess Test No- 02

Dear Students, Co-Cubes PRE Assess Test-02 is scheduled on 20<sup>th</sup> Feb 2018 at 09.30 AM. It is mandatory for all **Co-Cubes registered** students to take the PRE Assess Test-02 to be eligible to sit in all further drives Via Co-Cube till the year end.

**\*\*\*Participation of all the registered students is strictly compulsory as this will help you all in creating opportunity.**













**Branch-** BE (CS, IT, EC, EX, ME & Civil) and MCA 2018 Batch (**FINAL YEAR**)

**Criteria- Only Co-Cube registered students.**

**Date-** 20<sup>TH</sup> February 2018      **Timing-** 09:30 A.M.

**Venue-** MIT Civil Auditorium

#### Syllabus of PRE ASSESS Test (Duration 02.30 Hours)-

PRE-ASSESS <sup>®</sup> Syllabus & Pattern		CoCubes Assessments Simplified		
Module Type	Time Allotted	Sections	No. of Items	Topics
 Aptitude Module	 45 min	English Usage	15	Reading Comprehension ; Grammar including Articles, Prepositions, Sentence Correction, Speech, Tenses; Verbal Ability including Synonyms, Antonym, Spellings, Idioms and Phrases
		Analytical Reasoning	15	Visual Reasoning, Statement & Conclusions, Relationships, Logical Reasoning, Attention to Details and Flowcharts
		Numerical Reasoning	15	Concepts of Mathematics including Time & Work, Speed & Distance, Algebra, Equations, Progressions, Profit & Loss, Ratios, Averages, Geometry and Data Interpretation
 Computer Fundamentals	 15 min		15	Basics of C/C++/OOPS, Basics of Data Structures, Basics of Computer Architecture, Digital Logic, Networking Concepts, Common Applications such as MS Office and General Awareness about input/output devices
 Psychometric Module	 12 min		50	Behavioral profiling based on commonly known personality traits
 Domain Module	 20 min	Civil	20	Building Materials, RCC Design, Theory of Design & Structures, Soil Mechanics & Foundation, Construction Scheduling, Water Resource Engineering / Hydrology, Geotechnical Engineering and Environmental Engineering
		Electrical	20	Electrical Machines, EMMI, Network Analysis and Synthesis, Control Systems, Digital Electronics, Power Electronics, Power System and Instrumentation, Micro-controller and Microprocessor
		Mechanical	20	Thermodynamics, Design of Machine Members, IC Engines and Compressors, Theory of Machine, Engineering Material / Meteorology, Strength of Materials, Fluid Mechanics, Manufacturing Process
		Electronics	20	Electronic Devices & EMMI, Network Analysis and Synthesis, Microprocessor & Microcontrollers, Digital Electronics, Communication System, Control System
		Computer Science	20	C, C++, OOPS Concepts, Data Structures, DBMS concepts, Operating System Concepts, Design and Analysis of Algorithms, Networking Concepts, Computer Architecture
 Coding Module	 30 min		3	Writing codes to solve a set of problems in language of choice - C, C++, C#, Java
 Written English Test (WET)	 25 min		1	Candidate has to write his/her views on simple topics of general awareness. English Grammar, Sentence Construction and Vocabulary is assessed along with relevance to topic and adherence to word limit. Example of a topic - Should schools have uniforms?