

NOTICE @Aon-CoCubes Program + Schedule, Syllabus, Date and Timings of 7DCT's and CoCubes-1 (Pre Assess-1) for all the BE/B.Tech (All Branch) Final Year and MCA Final Year- 2021 Batch Students.

Dear Students, We intend to implement the Aon CoCubes “**Diagnostic Assessment Program**” for all the BE/B.Tech (All Branch) Final Year and MCA Final Year- 2021 Batch Students.

We have shared the data of all the Students which we have received from MIT/MITM/MITS of BE/B.Tech and MCA students-2021 Batch with “Aon CoCubes”. You all will receive your CoCube ID and Login Credentials for the tests and all other information on your Email ID by today EOD or by tomorrow. If not received till tomorrow, then please contact your college T&P coordinators for the same.

Many reputed organizations like Microsoft, Maruti, Exxon Mobil, Renault, Bosch, Ericsson, Mu Sigma, Capital IQ Trident, Birla Soft, Aon Hewitt, and many more who visits Premier League Institutions use [CoCubes](#) Assessments to shortlist & select the right talent.

What are Diagnostic Career Tests (7 DCT's): 7 Diagnostic Career Test helps students chart their career path. Career Test covers the breadth of career options ranging from private jobs (Aptitude and Technical) to government jobs (GATE, Public Sector Aptitude, Civil Services) to higher studies (MAT, CAT)

They help you achieve the following:

Gain Practice

Plain hard work does not pay. It's practicing the right way that makes you successful. Career tests help you practice the right way to gain a serious advantage in various Career Exams.

Evaluate areas of improvement/ Notional Rank

Knowing yourself is the first key to success. Get a detailed analysis of your performance based on the time graph. Know where your standing is on the national level and get detailed solutions for the career test for analysis.

Below is the schedule for upcoming Diagnostic Assessments:

Assessment Details	Duration of Assessment	Assessment Date and Time	Skills Tested in Assessment
Quantitative Aptitude Test (QAT)	60 Mins	25th Sep (09.00 AM to 12.00 Mid Night. Pts, start the test)	<i>Checks skill set in Data Interpretation Applied Maths. Probability & set theory</i>
English Usage Test (EUT)	60 Mins	26th Sep (09.00 AM to 12.00 Mid Night start the test)	<i>tests your grasp over vocabulary, Grammar /and'as & am/ify to read and infer</i>
Analytical Reasoning Test(ART)	60 Mins	26th Sep (09.00 AM to 12.00 Mid Night start)	<i>tests your ability In Inductive, Deductive. Visual & Spatial Reasoning</i>
Coding	30 Mins	26th Sep (09.00 AM to 12.00 Mid Night start the test)	<i>Ability to write code to solve a set of problems</i>
Employability Aptitude Test (EAT)	60 Mins	27th Sep (09.0d AM to 12.00 Mid	<i>Measure Ability to Clear Sectional Cut-Offs in Aptitude</i>

		Night start the test)	
WriNen English Test(WET)	30 Mins	27th Sep (09.00 AM to 12.00 Mid Night start the test)	<i>tests your Wr(tin.q skills by checkin.q v'ocabu/ary, Grammar fondas & ability to write</i>
Domain	30 Mins	27th Sep (09.00 AM to 12.00 Mid Night start the test)	<i>Prepares students /or PSL/ eeFances and core corporates</i>
CoCubes-1 (Pre Assess- 1)	162 Mins	2nd Oct (10.00 AM to 10.30 AM) stan the test.	This will showcase the final picture as what is the current Job profile based fitment s1atus and 1he amount of improvement that has been made along with the challenge areas still existing Basis on this score you will be able to apply for the opportunities getting live on CoCubes

IMPORTANT NOTE: (1) As per the above schedule on 26th Sep and 27th Sep, Multiple Tests are planned. So kindly appears in the tests one after the other as per the sequence mentioned in above schedule.

{2} It is Mandatory for all the students and Participation in all the ? Diagnostic Assessments will make you ELIGIBLE to sit for CoCubes-1 (Pre Assess-1) assessment on 2nd October 2020.

Please find attachments (POF's):- Syllabus of 7 DCT's and CoCubes-1 (Pre Assess-1) :

- **DCT Syllabus for the 7 DCT's scheduled from 25th to 27th Sep 2020**
- **CoCubes-1 (Pre Assess-1) Test Syllabus scheduled on 2nd Oct 2020**



Diagnostic Career Test (DCT) Syllabus & Pattern

Test Structure and Syllabus

Engineering

Module Type	Duration	Sections	#Items	Topics
Aptitude	45 mins	English Usage	15	Reading Comprehension; Grammar including Articles, Prepositions, Sentence Correction, Speech, Tenses; Verbal Ability including Synonyms, Antonym, Spellings, Idioms and Phrase
		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, Ratio, Averages, Geometry and Data Interpretation
Coding	45 mins		3	Writing codes to solve a set of problems in language of choice: C, C++, C#, Java, Python
Written English Test (WET)	25 mins		1	Candidate has to write his/her views on simple topics of general awareness. English Grammar, Sentence Construction and Vocabulary are assessed along with relevance to topic and adherence to word limit. Example of a topic - Should schools have uniforms

Test Structure and Syllabus

Engineering

Module Type	Duration	Sections	#Items	Topics
Domain	30 mins	Civil	30	Building Material, Construction Scheduling, RCC Design, Design of Steel Structure, Environmental Engineering, Soil Mechanics and Foundation, Structural Analysis, Water Resource engineering and Hydrology
		Electrical	30	Electrical Machines, EMMI, Power Electronics and Instrumentation, Network Analysis and Synthesis, Control Systems, Digital Electronics Microcontroller and Microprocessor
		Mechanical	30	Thermodynamics, Design of Machine Members, IC Engines and Compressors, Theory of Machine, Engineering Material and Metrology, Strength of Materials, Fluid Mechanics, Manufacturing Process
		Electronics	30	Electronic Devices & EMMI, Network Analysis and Synthesis, Microprocessor & Micro controllers, Digital Electronics, Communication Engineering, Control System
		Computer Science	30	C, C++, OOPS Concepts, Data Structures, DBMS concepts, Operating System Concepts, Design and Analysis of Algorithms, Networking Concepts, Computer Architecture
		Chemical	30	Chemical Thermodynamics and Reaction engineering, Fluid Dynamics, Heat and Mass Transfer, Industrial Chemistry, Polymers, Process Dynamics, Control and Measurements, Reaction Kinetics



CoCubes Syllabus & Pattern

Test Structure and Syllabus

Engineering

Module Type	Duration	Sections	#Items	Topics
Aptitude	45 mins	English Usage	15	Reading Comprehension; Grammar including Articles, Prepositions, Sentence Correction, Speech, Tenses; Verbal Ability including Synonyms, Antonym, Spellings, Idioms and Phrase
		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, Ratio, Averages, Geometry and Data Interpretation
Computer Fundamental	15 mins		15	Pseudocode, Email and Email Applications, Basic Database Awareness, Computer Hardware and Software, Computer Applications, Network and IT Literacy
Psychometric	12 mins		50	Behavioral profiling based on commonly known personality traits
Coding	45 mins		3	Writing codes to solve a set of problems in language of choice: C, C++, C#, Java, Python
Written English Test (WET)	25 mins		1	Candidate has to write his/her views on simple topics of general awareness. English Grammar, Sentence Construction and Vocabulary are assessed along with relevance to topic and adherence to word limit. Example of a topic - Should schools have uniforms

Test Structure and Syllabus

Engineering

Module Type	Duration	Sections	#Items	Topics
Domain	20 mins	Civil	20	Building Material, Construction Scheduling, RCC Design, Design of Steel Structure, Environmental Engineering, Soil Mechanics and Foundation, Structural Analysis, Water Resource engineering and Hydrology
		Electrical	20	Electrical Machines, EMMI, Power Electronics and Instrumentation, Network Analysis and Synthesis, Control Systems, Digital Electronics Microcontroller and Microprocessor
		Mechanical	20	Thermodynamics, Design of Machine Members, IC Engines and Compressors, Theory of Machine, Engineering Material and Metrology, Strength of Materials, Fluid Mechanics, Manufacturing Process
		Electronics	20	Electronic Devices & EMMI, Network Analysis and Synthesis, Microprocessor & Micro controllers, Digital Electronics, Communication Engineering, 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
		Chemical	20	Chemical Thermodynamics and Reaction engineering, Fluid Dynamics, Heat and Mass Transfer, Industrial Chemistry, Polymers, Process Dynamics, Control and Measurements, Reaction Kinetics

Test Structure and Syllabus

MBA

Module Type	Duration	Sections	#Items	Topics
Aptitude	30 mins	English Usage	10	English Grammar - Basics, English Grammar- Advanced, Reading Comprehension, Verbal Ability - Basics, Verbal Ability - Advanced
		Analytical Reasoning	10	Odd one Out , Analogy, Series, Coding – Decoding, Flowchart & Visual Reasoning, Reasoning, Relationships, Critical Reasoning, Directions
		Numerical Reasoning	10	Algebra, Basic Arithmetic, Profit, Loss and Interest, Time, Work, Speed & Distance, Mathematical Modeling, Data Interpretation
Psychometric	30 mins		30	Behavioral profiling based on commonly known personality traits
Written English Test (WET)	25 mins		1	Candidate has to write his/her views on simple topics of general awareness. English Grammar, Sentence Construction and Vocabulary are assessed along with relevance to topic and adherence to word limit. Example of a topic - Should schools have uniforms

Test Structure and Syllabus

MBA

Module Type	Duration	Sections	#Items	Topics
MBA	20 mins	Finance	20	Financial Management, Accounting, Capital Market, Corporate Finance, Micro-economics, Macroeconomics, Fixed Income Securities, Financial Derivates
		IT Fundamentals	20	Software Project Management, Data warehousing and Data mining, IT S&M, ERP - Enterprise Resource Planning, Business Intelligence and Analytics, IT infrastructure - Cloud computing
		Human Resource	20	Basics of Learning Organization, Change Management, Organizational Behaviour, Employee Relations, Performance Management, Compensation & Benefits management
		Operations	20	Lean Systems, Operation Management, Operation Research, Project management, Six Sigma, Supply Chain
		Sales and Marketing	20	Advertising and Sales Promotion, Business Markets, Consumer Behaviour, Marketing of Services, Product Management, Sales and Distribution Management

Test Structure and Syllabus

MBA

Module Type	Duration	Sections	#Items	Topics
MBA	15 mins	Management Fundamentals	15	Basic of HR, Basics of Finance, Basics of S&M, Basics of Operation
		Excel + PPT	15	Excel Formula and Function, Slide Design, Shortcuts, Videos in PowerPoint, Customisation, Presentation