

**LIIT Coaching Classes**  
**MCA Entrance Coaching**

**@Dadar**

**[www.liit.org.in](http://www.liit.org.in)**

**9967271104 / 9619607163**

**MCA Entrance**  
**[dtemaharashtra.gov.in/mcacet2018](http://dtemaharashtra.gov.in/mcacet2018)**

## Why MCA?

- On Job Training / Internship
- Campus Placement
- Dream Companies
- Better Job Roles within Organization
- Preferential Treatment
- More Money & Faster Promotions

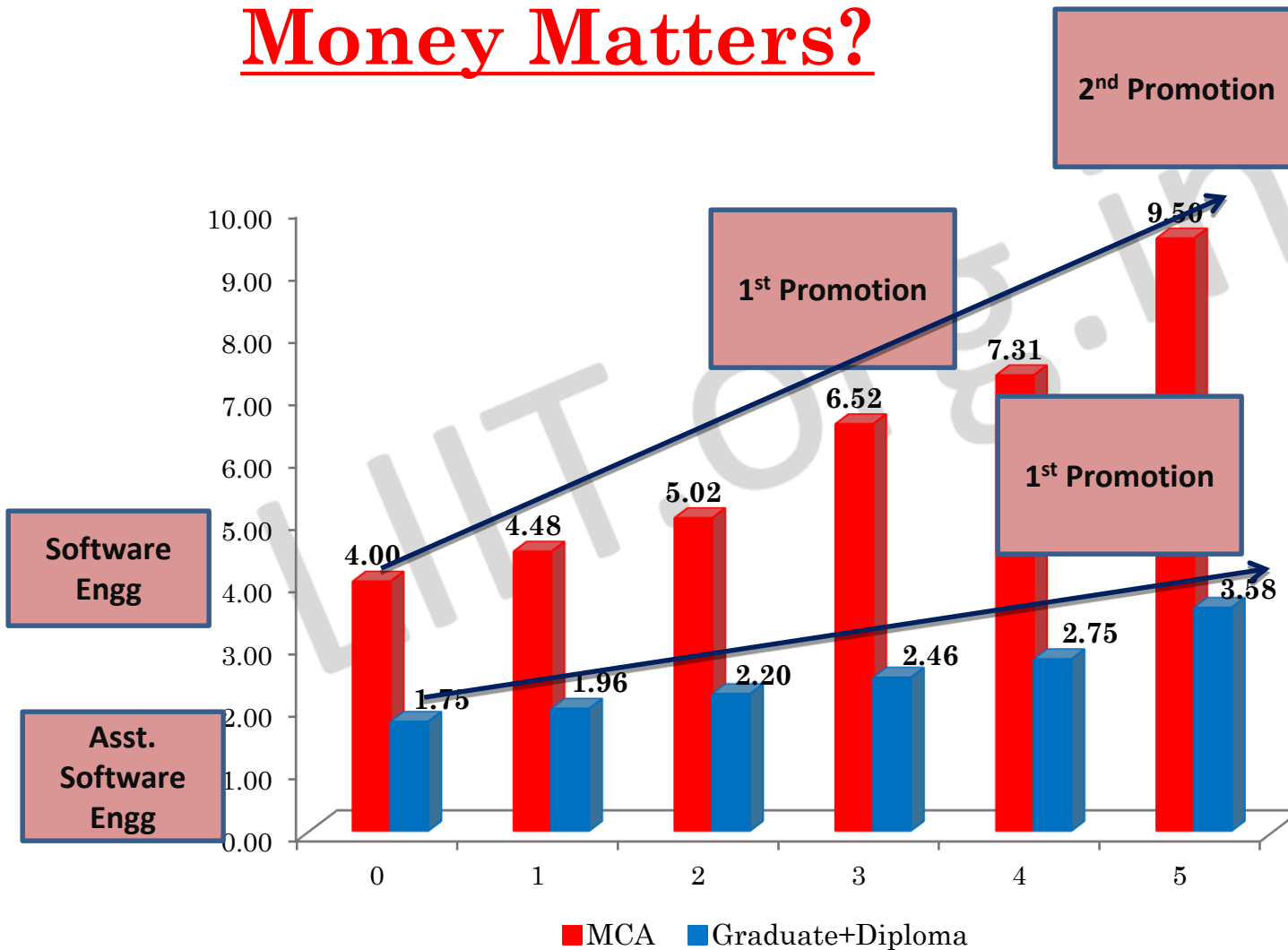
## MCA

- Salary range 5.5 to 12.0 lacs
- Faster visa processing
- Faster Promotions
- Joins as a Software Engineer or higher level

## Graduation + Diploma

- Salary range 2.5 to 3.5 lacs
- Takes minimum 5 yrs for visa processing
- Takes more time for Promotion
- Joins as a Junior Software Engineer or Assistant Level

# Money Matters?



# **You Must Do MCA**

# Eligibility Criteria

- Graduate/ T.Y. Appearing Students
  - B.Sc (Phy, Chem, Bio, Micro, Zoology, Maths, Stats and Others)
  - B.Sc (Computer Science, IT)
  - BCA
  - B.Com

# Eligibility Criteria

- Mathematics / Statistics at 10+2 Level or in FY/ SY/ TY
- Minimum 55% in Graduation for open category and 45% for reserved category



# Admission Procedure

[www.Maharashtra.dte.org.in/mca](http://www.Maharashtra.dte.org.in/mca)

- Online Submission of CET form ie Registration - Feb
- Test – March
- Result – April
- Document Verification – May
- CAP Round & Admissions
- Merit List – June

# Syllabus for MAH-MCA-CET 2018

**The Online CET would be comprised of Four sections :**

- Mathematics & Statistics,
- Logical / Abstract Reasoning,
- English Comprehension and Verbal ability
- Computer Concepts

# MAH- MCA- CET

## •Syllabus General Aptitude (GA)

- Algebra
- Arithmetic
- Co-ordinate Geometry
- Differential Equations
- Trigonometry
- Probability & Statistics
- Set Theory & Functions
- Mensuration

# Marking Scheme MCA Entrance 2018

Section	No. of Questions	Marks per Questions	Maximum Marks	Total Marks
Mathematics & Statistics	30	2	60	200
Logical/ Abstract Reasoning	30	2	60	
English comprehension and verbal ability	20	2	40	
Computer Concepts	20	2	40	

The test will comprise of multiple choice, objective type questions (Four Options)

There is negative marking system for this CET. Each correct answer will carry 2 marks. Each wrong answer will carry 0.5 negative marks. Unanswered questions will carry zero marks.

Test Duration : 90 minutes

Medium of CET: English

Mode of Examination - Online

- The test will comprise of multiple choice objective type questions
- (Four Options)
- There is negative marking system for this CET.
- Each correct answer will carry 2 marks.
- Each wrong answer will carry 0.5 negative marks.
- Unanswered questions will carry zero marks.
- **Mode of Examination - Online**

# **SAMPLE QUESTIONS MATHEMATICS AND STATISTICS**

**Q. 1. The upper part of a tree broken by the wind makes an angle of  $60^\circ$  with the ground and the horizontal distance from the root of the tree to the point where the top of the tree meets the ground is 10 meters. What was the height of the tree before it was broken?**

**(1) 43.20 m (2) 20 m (3) 37.30 m (4) 39.70 m Q.**

2. Find the length of the major axis of the ellipse  $16x^2 + 5y^2 = 400$ . (1) 5 (2)  $8\sqrt{5}$  (3) 10 (4)  $10\sqrt{5}$

Q. 3. A, B & C are three mutually exclusive & exhaustive events associated with a random experiment. If  $P(C) = \frac{3}{4} P(A)$ ,  $P(A) = \frac{2}{3} P(B)$ , then  $P(B)$  is \_\_\_\_\_

(1)  $\frac{3}{2}$  (2)  $\frac{4}{13}$  (3)  $\frac{6}{13}$  (4)  $\frac{3}{13}$

**Q. 4. The average salary of male employees in the firm is Rs.5,000/- and that of female employees is Rs. 4,000/-. The mean salary of all the employees is Rs.4,500/- and If there are 10 male employees, then how many female employees are there in that firm?**

**(1) 12 (2) 10 (3) 08 (4) 11**



# LOGICAL/ABSTRACT REASONING

Q.1. In a row of girls, if Seeta who is 10th from the left and Lina who is 9th from the right interchange their seats, Seeta becomes 15th from the left. How many girls are there in the row ?

(1) 16 (2) 18 (3) 19 (4) Other than those given as options

**Q.2-Read the information given below and answer the questions. Six plays A, B, C, D, E and F of a famous playwright are to be staged one on each day from Monday to Saturday. The schedule of the plays is to be in accordance with the following.**

- (1) A must be on the immediately previous day of the on which E is staged.
- (2) C must not be staged on Tuesday.
- (3) B must be on a day which immediately follows the day on which F is staged.
- (4) D must be staged on Friday only and should not be immediately preceded by B.
- (5) E must not be staged on the last day of the schedule.

**Q.2. Which of the following is the schedule of plays, with the order of their staging from Monday ?**

(1) E A B F D C

(2) A F B E D C

(3) A F B C D E

(4) Other than those given as options

**Q.3. Play C cannot definitely be staged on which of the following days in addition to Tuesday?**

(1) Monday (2) Wednesday (3) Thursday (4)  
Other than those given as options

**Q.4. Which of the following plays immediately follows B ?**

(1) F (2) E (3) D (4) Other than those given as options

# English Language Sample Questions

**Q.4 The prisoner made an abortive attempt to escape from the jail.**

(1) Courageous, Gateway (2) Futile, Run Away  
(3) Illegal, Flee (4) Furtive, Break Out

**Q.5 The new volume provides substantial critical excerpts and biographical information on eight to ten major poets from all eras.**

(1) Sizeable, Sources (2) Ample, Explanation (3) Extensive, Extracts (4) Large, Substances

# Computer Concepts

## Sample Questions

**Q.1. What is the decimal value of the binary number 111110?**

(1) 31 (2) 62 (3) 64 (4) 126

**Q.2. Which symbols represent a block of code in C?**

(1) { ... code here } (2) ( ... code here ) (3) [ ... code here ] (4) < ... code here >



# Documents to be submitted

- Original + photocopy of S.S.C, H.S.C and Graduation (If applicable)
- Nationality Proof – Birth Certificate / School Leaving / Passport
- Domicile
- Caste Certificate if applicable
- Caste Validation if applicable
- Non Creamy Layer if applicable

# Strategies to Crack

- Time Allotment
  - Minimum 150 hours February
- Study Plan
  - Conceptual understanding of each topic
  - Solve minimum 25 questions on each topic
  - Solve questions randomly
- 10 Mock Tests

# Preparing For CET

- Focused Preparation
- Understanding Basics
- Short Cut Methods
- Regular Practice
- Final Preparation

# Success Mantra

Practice

Practice

Only Practice

<b>Our MCA Toppers 2014-2015</b>		<b>Percentile</b>
Dhanashree Phatak	S K Somaiyya	99
Pooja Kamble	S K Somaiyya	98
Nirmala Nair	Model College	92

## **Our MCA Toppers :**



**Dhanashree**

**99** Percentile, S K Somaiyya



**Pooja**

**98** Percentile, S K Somaiyya

<b>Our MCA Toppers 2015-2016</b>		<b>Percentile</b>
Shraddha	Ruia College	97
Manoj	Khalsa College	96
Akshay	Elphiston College	91

## Our MCA Toppers :



**97%**, MCA Entrance  
Shraddha - Ruia

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**96%**, MCA Entrance  
Manoj - Khalsa

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# MCA Entrance Toppers 2018 :



**97%, MCA Entrance**  
**Prashant - Ruparel**



**97%, MCA Entrance**  
**Asmita - Somaiya**



**95%, MCA Entrance**  
**Amulya - Ruia**

# Our Teaching Methodology

- Comprehensive Study Material
- Classroom Coaching of 150 hrs duration
- Periodic Tests After every topic completion
- Difficulty Solving Sessions
- 10 Online Mock Tests (Classroom Revision Session)
- Guidance for selecting right college

# MCA Entrance@LIIT

➤ Maths Notes prepared by

Dr Sushama Mujumdar,

Ph.D (Maths) IIT ,Mumbai

Notes Contain

- Topicwise Notes , Solved Questions, MCQs
- Paper Sets with Solution

# MCA Entrance@LIIT

- Syllabus completed by February End
- 10 Online Mock Tests
- Solving of above Tests in Classroom
- Doubts Solving Session
- Test after completion of every topic
- LMR (Last Minute Revision Sessions)

# MCA Entrance @LIIT

- July to Feb End
- Every Sunday 8 to 12 or 9 to 1

Admission Started ...

Fees : Rs.16,500/-