

# WEST BENGAL JOINT ENTRANCE EXAMINATIONS BOARD

AQ-13/1, Sector-V, Salt lake, Kolkata-700 091

## INFORMATION BROCHURE FOR ONLINE EXAMINATION OF JECA - 2015

(Version 1.0 dated 15.06.2015.)

### INSTRUCTIONS TO CANDIDATES FOR THE **ONLINE** JOINT ENTRANCE EXAMINATION 2015 FOR **ADMISSION TO MASTER OF COMPUTER APPLICATION (MCA) COURSE (JECA- 2015)**

The Board will conduct the Joint Entrance Examination called JECA- 2015 as per following programme:

DAY & DATE	TIME	SUBJECT
<b>Wednesday, 15<sup>th</sup> July 2015</b>	10.00 a.m. to 1.00 p.m. Paper-I: MATHEMATICS Paper-II: APTITUDE TEST	

Applicants seeking admission to the First Semester of the Six Semester, Master of Computer Application Course in any of the following Institutes will have to appear in a **computerized online test** as specified above. There would be two papers in a single shift examination as stated above. The syllabus for both Mathematics and Aptitude test has been prescribed in this Information Brochure. All questions will be objective and candidates should follow the below mentioned instruction for selecting the answers.

All Universities, Govt. College and Self-financed Private Colleges that offer the three years master of Computer Application (MCA) course in the state of West Bengal follow any one of the four modules that describe the eligibility criteria of admission for JECA-2015 qualified candidates in the said course for the 2015-16 academic session.

#### **The four modules are : (Modules adapted by the Universities / Colleges mentioned in the last page)**

- Module 1 :** Candidates must have passed 3-years Bachelor degree program from UGC recognized University with at least 60% in Honours/Aggregate (45% for SC/ST/OBC-A / OBC-B candidates) or AICTE recognized BCA of a University / Institute along with 60% marks in Mathematics at the Bachelor's level.  
Candidates have to secure at least from recognized Boards with at least 60% marks in Mathematics at each level.
- Module 2 :** UGC and/ or AICTE recognized Bachelor's degree of minimum 3-years duration (as the case may be) except BBA with Mathematics at 10+2 level or graduate level.  
Obtained 50% marks (45% marks for SC/ST/OBC-A/OBC-B candidates) at graduation level.
- Module 3 :** Graduate or equivalent degree under (10+2+3) pattern in any discipline of a UGC recognized University / Institute OR AICTE recognized B.E./ B.Tech/ BCA of a University / Institute.  
Candidates must have Mathematics as one of the subjects at each level of education.  
Candidates have to secure 60% marks (45% marks for SC/ST/OBC-A/OBC-B candidates) at each level of education.
- Module 4 :** B.Sc. Honours degree under (10+2+3) pattern in any discipline of a UGC recognized University / Institute with at least 60% marks in Hons. / Aggregate (45% marks for SC/ST/OBC-A/OBC-B candidates) along with at least 55% marks in Mathematics.  
Candidates have to secure at least 60% marks in Secondary and Higher Secondary or equivalent level from recognized Boards with at least 60% marks in Mathematics at each level.  
Candidates have to secure 60% marks (45% marks for SC/ST/OBC-A/OBC-B candidates) at each level of education.

## APPLICATION

Candidates intending to appear in JECA- 2015 shall have to apply online through link provided in [www.wbjeeb.in](http://www.wbjeeb.in), the official website of the Board, from **19-06-2015 to 30-06-2015**.

The fees may be submitted through e-payment gateway or through e-challan. The fees payable is **606/- INR. For payment through e-challan, candidates may pay cash** (Application fee: INR 600/-, Bank charges: INR 6/-) in any one of the branches of Allahabad Bank as notified in the website on all working days.

## SUBMISSION:

The Application Form should be submitted **ONLINE** only. There is **No need to send** any hard copy of the Acknowledgement receipt or any document to the board office.

**Age :** There is no lower and upper age restriction.

## ISSUE OF ADMIT CARD WITH EXAMINATION ROLL NUMBER:

**Admit Card** for each eligible applicant showing his/her Application Number, Examination Roll Number, Examination Centre along with necessary personal information will be available through link provided in [www.wbjeeb.in](http://www.wbjeeb.in) from **08.07.2015** till the day of examination. Applicant should download the Admit Card and carry it along with him/her to the Examination Centre.

**Candidates must ensure that the photographs on the admit card are not mutilated / distorted/soiled even by accident. Candidates with such Admit Cards will not be allowed to appear in the Entrance Examination.**

**Candidates must retain their admit cards carefully in a secured place in undamaged condition till the completion of admission procedure.**

**No duplicate Admit Card will be issued after the Entrance Examination from the Board Office.**

**No Caste Certificate, Marks sheet and other relevant papers are required to be sent to our Board office. Necessary documents will have to be produced at the time of counselling and admission.**

**No refund of Fee is admissible if the candidate does not appear in the Joint Entrance Examination.**

## ZONE OF EXAMINATION :

The examination will be held simultaneously at the following Zones provided there are sufficient no. of candidates at the Zones. If sufficient applicants are not available for a particular zone, a nearer zone will be allocated to them.

ZONE	ZONE
BARDHAMAN	DURGAPUR
SILIGURI	HALDIA
KOLKATA-North	KOLKATA-South
HOWRAH	MURSHIDABAD

*The allotment of zone and examination centre is fully at the discretion of the Board subject to availability of sufficient number of candidates in a centre. Any change made by the Board is final and no request for changing of the zone / centre of examination will be entertained under any circumstances.*

## ADMISSION :

It should be noted that the Board is in no way responsible for admission of students to different Universities / Institutions. The Board only provides the merit list of the admission test and the final selection rests with

the concerned University / Institution. The Board neither publishes nor communicates result to any individual applicant. The merit list will be circulated on the Board's website: [www.wbjeeb.in](http://www.wbjeeb.in). There is no provision for post-publication scrutiny or review and hence the Board will not entertain any such application.

*No merit listed candidate will be allowed to appear at the counseling unless he / she is able to produce Admit Card issued by the Board with proper unmutilated / undistorted / unsoiled photograph.*

**Compliance with requirements for application for the Joint Entrance Examination does not make a candidate eligible for admission to the concerned University / Institution. He / she must also make separate application to the above stated Institutions with the prescribed fees within the prescribed date, as per respective eligibility criteria stipulated by the respective Institutions.**

#### **CERTIFICATE FOR RESERVED CATEGORY CANDIDATES:**

Scheduled Caste / Scheduled Tribe candidates in W.B., as specified in Govt. of W.B. Order No. 1813-PCW/1VIR-94/11 dated 20.06.2011 are eligible for admission through Joint Entrance Examination, 2013. **However, SC/ST candidates hailing from States other than West Bengal are not eligible for such benefit and they shall be treated as General category candidates.** The Caste certificates will have to be produced at the time of counseling from the following competent authorities.

A-(i) Deputy Director, Backward classes welfare, W.B. (ii) Commissioner, Back-ward classes welfare, W.B. in case candidates claiming to be SC or ST residing in any part of West Bengal.

B-(i) Deputy Collector of Land Revenue, Kolkata (ii) Collector of Stamp Revenue, Kolkata (iii) Metropolitan Magistrate, Kolkata (iv) Additional Chief Metropolitan Magistrate, Kolkata (v) Chief Metropolitan Magistrate, Kolkata (vi) 1st Class Stipendary Magistrate (vii) Executive Magistrate (viii) Sub-divisional Magistrate (ix) Sub-divisional Officer (x) Deputy Collector (xi) Additional District Magistrate (xii) Collector and (xiii) District Magistrate within their respective jurisdictions - in case of candidate claiming to be SC or ST and ordinarily residing within such jurisdictions.

**For OBC candidates**, the competent authority for issuing certificates will be put up on the website ([www.wbjeeb.in](http://www.wbjeeb.in)) as soon as the relevant Government Order is issued.

**For PWD candidates** : Candidates claiming seats under reserved category are required to produce PwD certificate from competent authority.

#### **LEGAL JURISDICTION :**

- i) All disputes pertaining to conduction of JECA - 2015 shall fall within the jurisdiction of Kolkata only.
- ii) The Board will not be a party pertaining to any dispute arising in the process of admission to MCA Course through JECA - 2015.

#### **PATTERN OF EXAM**

The examination will be of duration three hours and will be conducted in Computer Based Test (CBT) mode. There will be two papers in the examination. For first two hours, only Paper-1 will remain enabled and during the last one hour, only Paper-2 will remain enabled in the computer.

#### **Paper - 1: Mathematics (100 marks):**

50 MCQs (each bearing 2 marks) will have to be answered **ONLINE**. 1 / 2 mark will be deducted for each wrong answer.

**Time:** Two hours.

#### **Syllabus:**

- (i) **Analytical Geometry** : Cartesian and polar coordinate; Straight line; Circle; Ellipse; Parabola; Hyperbola; Translation & Rotation of axes.
- (ii) **Algebra** : Complex number, De Moivre's theorem, Solution of linear equations, Determinants, Matrices, Summation of signal series, Addition of vectors, Scalar and Vector products, Inequation, Sets and elements, Universal set, Empty set, Subsets, Venn diagram, Union and intersection of sets, Complements, Algebra of sets, Finite sets, Class of sets, Partitions, Cross product, Group, Ring and Field.

(iii) **Calculus:** Limit, Continuity, Differentiation; Maxima & minima; Taylor & Maclaurin's Series: Definite and indefinite integrals, First and second order differential equation; Functions of several variables; Partial differentiation.

(iv) **Probability & Statistics :** Permutation, Combination; Probability; Probability distribution; Mean; Median; Mode; Standard Deviation; Correlation coefficient.

**Paper – 2: Aptitude test (100 marks) :**

There will be 30 questions of 3 marks each and 10 questions of 1 mark each. For each wrong answer, 1/4 of the total mark(s) allotted to the question will be deducted.

All questions will be MCQ type and has to be answered **ONLINE**. Link to a mock test is available for practice in our website i.e. [www.wbjeeb.in](http://www.wbjeeb.in)

**Time :** One hour.

**Syllabus:**

(i) Reasoning, (ii) Problem Solving, (iii) Quantitative Comparison,  
(iv) Discrete Quantitative Analysis & (v) Data interpretation.

**JECA - 2015**

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| 1. <b>Date of Examination</b>   | : | <b>15.07.2015 (Wednesday)</b>  |
| 2. <b>Availability of downloadable Information Brochure</b>   | : | <b>15.06.2015 onwards</b>  |
| 3. <b>Filling up of ONLINE Application Form at <a href="http://www.wbjeeb.in">www.wbjeeb.in</a></b>                   | : | <b>19.06.2015* to 30.06.2015</b><br><b>* (deferred by two days from original notification)</b> |
| 4. <b>Fee payment through e-payment gateway or through e-challan (DO NOT send any hard copy to our Board Office )</b> | : | <b>19.06.2015 to 04.07.2015</b>  |
| 5. <b>Availability of downloadable Admit Card: From <a href="http://www.wbjeeb.in">www.wbjeeb.in</a></b>              | : | <b>08.07.2015 to 15.07.2015</b>  |

**N.B.:** Any change of intake in respect of each University / Institution will be intimated through the website ([www.wbjeeb.in](http://www.wbjeeb.in)) after publication of result of JECA-2015. Reservations for SC / ST/OBC etc candidates and Management quota are applicable as per Government Rules.

The participating Institutes and the module they opted for are listed below :

Sl.No.	Institute Name	Module opted
1.	JADAVPUR UNIVERSITY	1
2.	VIDYASAGAR UNIVERSITY	3
3.	THE UNIVERSITY OF KALYANI	3
4.	UNIVERSITY OF CALCUTTA	4
5.	UNIVERSITY OF NORTH BENGAL	2
6.	KALYANI GOVT. ENGINEERING COLLEGE	3
7.	HALDIA INSTITUTE OF TECHNOLOGY	2
8.	RCC INSTITUTE OF INFORMATION TECHNOLOGY	3
9.	JIS COLLEGE OF ENGINEERING	2
10.	TECHNO INDIA, SALT LAKE	2
11.	ASANSOL ENGINEERING COLLEGE	2
12.	B.P. PODDER INSTITUTE OF MANAGEMENT AND TECHNOLOGY	2
13.	NETAJI SUBHAS ENGINEERING COLLEGE	2
14.	BENGAL INSTITUTE OF TECHNOLOGY	2
15.	PAILAN COLLEGE OF MANAGEMENT & TECHNOLOGY	2
16.	NARULA INSTITUTE OF TECHNOLOGY	2
17.	MANAGEMENT INSTITUTE OF DURGA PUR	2
18.	HERITAGE INSITUTE OF TECHNOLOGY	2
19.	DR. B.C. ROY ENGINEERING COLLEGE	2
20.	BENGAL COLLEGE OF ENGINEERING & TECHNOLOGY	2
21.	TECHNO INDIA, HOOGHLY	2
22.	SILIGURI INSTITUTE OF TECHNOLOGY	2
23.	ACADEMY OF TECHNOLOGY	2
24.	FUTURE INSTITUTE OF ENGINEERING AND MANAGEMENT	2
25.	CALCUTTA INSTITUTE OF TECHNOLOGY	2
26.	TECHNO INDIA COLLEGE OF TECHNOLOGY, RAJARHAT	2
27.	MEGHNAD SAHA INSTITUTE OF TECHNOLOGY	2
28.	GURUNANAK INSTITUTE OF TECHNOLOGY	2
29.	MCKV INSTITUTE OF ENGINEERING	2
30.	CAMELIA INSTITUTE OF TECHNOLOGY	2
31.	DSMS BUSINESS SCHOOL	2
32.	ST. MARY'S TECHNICAL CAMPUS, KOLKATA	2
33.	SEACOM ENGINEERING COLLEGE	2
34.	INSTITUTE OF SCIENCE & TECHNOLOGY	2
35.	BRAINWARE GROUP OF INSTITUTIONS	2
36.	GREATER KOLKATA COLLEGE OF ENGINEERING & MANAGEMENT	2
37.	REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS	2