

WEST BENGAL JOINT ENTRANCE EXAMINATIONS BOARD

AQ-13/1, SECTOR – V, SALT LAKE CITY, KOLKATA – 700 091

Phone No. : (033)2367 1198 / 1199, Fax No. : (033)2367 1149, Website : www.wbjeeb.in

INFORMATION SHEET INSTRUCTION TO CANDIDATES FOR THE JOINT ENTRANCE EXAMINATION- 2008 FOR ADMISSION TO MASTER OF COMPUTER APPLICATION (MCA) COURSE JECA - 2008

The Board will conduct the Joint Entrance Examination called JECA-2008 as per following programme :

DAY & DATE :	TIME :	SUBJECT :	DURATION :
SUNDAY, THE 29 th JUNE, 2008	12 noon to 2.30 p.m.	PART – I : Aptitude Test (100 marks) PART – II: Mathematics (100 marks)	1 hour 1 ½ hours

Applicants seeking admission to the First Semester of the Six Semester, Master of Computer Application Course of any of the following institutes will have to appear at the test of 2½ hour duration as specified above. There would be two parts in the question paper as detailed above. The syllabus for both Mathematics and Aptitude Test has been given in this information sheet. Answerscripts of the first part of the test would be collected at the end of one hour and then the question paper of the second part of the test would be distributed.

ELIGIBILITY : The Applicants must be citizens of India having the following minimum qualification for admission to different Universities/Institutes as indicated below :

- JADAVPUR UNIVERSITY, Jadavpur, Kolkata – 700 032** : A University degree in any discipline under (10+2+3) pattern with at least 55% marks (45% for SC/ST) in Honours/Aggregate as applicable and Mathematics as one of the subjects in the degree level or B.E./B. Tech. Degree in any discipline (other than in Computer Sc. & Engg.) with at least 60% marks (50% for SC/ST) or BCA under (10+2+3) pattern with at least 60% marks (50% for SC/ST). **Intake : 44**
- BENGAL ENGINEERING AND SCIENCE UNIVERSITY, SHIBPUR, P.O. B. Garden, Howrah – 711 103** : A degree of Bachelor of Engineering / Technology by the University or any other recognized Institute / University with at least 60% marks or Bachelor's degree with Honours in Science / Commerce / Arts / Statistics (under 10+2+3 scheme or equivalent thereto) with at least two papers in Mathematics / Statistics at the Higher Secondary and/or Graduate level with at least 50% marks or BCA under (10+2+3) pattern with at least 60% marks . **Intake: 30.**
- THE UNIVERSITY OF BURDWAN, Golapbag(North), Dist. Burdwan - 713104** : Graduates having Honours or equivalent degree under (10+2+3) system with Mathematics as one of the combination subjects at the degree level and having at least 50% marks in the Honours subject or BCA/B.E./B.Tech./B.Sc. in Computer Science/I.T./e-Commerce degree holders with at least 60% marks are eligible for admission. **Intake : 20.**
- VIDYASAGAR UNIVERSITY, Midnapore** : A Bachelor of Engineering/Technology of Vidyasagar University or any other University/Institution recognized by the Vidyasagar University for this purpose or Honours Graduate in Science/Arts under (10+2+3) scheme or equivalent thereto with Mathematics/Computer Science as subsidiary subject or Honours Graduate in Commerce/Computer Science/Mathematics under (10+2+3) scheme or equivalent thereto or a Graduate with Computer Application under (10+2+3) scheme or a Graduate under (10+2+3) scheme having Mathematics as one of the subjects or equivalent thereto of Vidyasagar University. **Intake : 40**
- THE UNIVERSITY OF KALYANI, P.O. Kalyani, Dist. Nadia - 741235** : Honours Graduate in Science with 50% Marks and with Mathematics or Computer Science as a one of the subjects in Graduation level and in (10+2) level (having 45% Marks) in Science Stream or Regular BCA course with 60% marks having Mathematics or Computer Science as one of the subjects in Graduation level and (10+2) level (having 45% marks) in Science Stream or B.E./B.Tech. in any discipline (except Computer Science) with 60% marks. **Intake : 22**

6. **VISVA-BHARATI, P.O. Shantiniketan, Dist. Birbhum** : A Bachelor's degree from a recognized University or Institution with at least 55% marks in the honours subject in any discipline under (10+2+3) pattern with Mathematics as one of the subjects in the degree level or BCA/BE/B.Tech. In all cases [(B.A./B.Sc.(Hons.)/BCA/BE/B.Tech.)] candidate must have at least 1st Class/Division marks in any of the two public examinations under (10+2+3) pattern. **Intake : 15**
7. **UNIVERSITY OF CALCUTTA, (A.K. Choudhury School of Information Technology) 92, A.P.C. Road, Kolkata – 700 009** : i) 3-yr Honours graduates in Physics/Computer Sc./Electronic SC./Maths/Statistics having a minimum of 60% marks, and with at least 50% marks in Mathematics at Higher Secondary (10+2) level **or**, (ii) Minimum 60% marks in B.Sc. (Major) in Computer Applications offered by University of Calcutta with at least 50% marks in Mathematics at Higher Secondary (10+2) level **or**, (iii) B.E./B.Tech. in any discipline except Computer Science/Computer Science & Engineering/Computer Science and Technology/Information Technology from a recognized University. Pass outs of 2008 only are eligible. **Intake : 40**
8. **UNIVERSITY OF NORTH BENGAL, Raja Rammohanpur, P.O. N.B. University, Darjeeling – 734 013** : Honours Graduate or equivalent degree under (10+2+3) pattern in Science/IT/Management/Social Sciences with at least 60% marks and having Mathematics as one of the subsidiary subjects or BCA with at least 60% marks or Engineering Graduate with at least 60% marks of a recognised University/Institution. . **Intake : 33**
9. **KALYANI GOVT. ENGINEERING COLLEGE, P.O. Kalyani, Nadia - 741235** : Graduate in any discipline or equivalent with mathematics as one of the subjects under 10+2+3 pattern of education with at least 60% marks at graduation level (55% for SC / ST). **Intake : 40.**
10. **HALDIA INSTITUTE OF TECHNOLOGY, P.S. Haldia, Dist. Purba Midnapore-721657**
Graduate with Physics, Mathematics and Statistics as one of the subjects under (10+2+3) pattern with 50% marks or B.E./B.Tech./B.C.A./B.Sc. in Computer Science or Information Technology with 60% marks. **Intake-60**
11. **RCC INSTITUTE OF INFORMATION TECHNOLOGY, Canal South Road, Beliaghata, Kolkata – 700 015;**
Honours Graduate in any discipline under (10+2+3) pattern with Mathematics/Computer Science as a subsidiary subject or B.C.A. or Honours Graduate in Commerce, or B.E./B.Tech. in any discipline. **Intake : 60**
12. **JIS COLLEGE OF ENGINEERING, Block-‘A’, Phase-III, Kalyani, Nadia-741235** : Bachelor's Degree in any discipline under (10+2+3) pattern with Mathematics as one of the subjects in the Degree level or B.C.A./B.Tech. Degree. **Intake : 60**
13. **TECHNO INDIA, EM-4/1, Sector – V, Salt Lake, Kolkata - 91** : Bachelor's Degree in any discipline under (10+2+3) pattern with a course in Mathematics as one of the subjects in the Degree level or B.C.A./B.E./B.Tech. Degree. **Intake : 60**
14. **ASANSOL ENGINEERING COLLEGE, Kanyapur, Asansol – 713 304** : Bachelor's Degree in any discipline under (10+2+3) pattern with a course in Mathematics as one of the subjects in the Degree level or B.C.A./B.E./B.Tech. Degree. . **Intake : 60**
15. **B.P.PODDER INSTITUTE OF MANAGEMENT AND TECHNOLOGY, Poddar Vihar, 137, V.I.P. Road, Kolkata – 700 052** : Bachelor's Degree in any discipline under (10+2+3) pattern with a course in Mathematics as one of the subjects in the Degree level or B.C.A./B.E./B.Tech. Degree. . **Intake : 40**
16. **NETAJI SUBHAS ENGINEERING COLLEGE, Panchpota(Near Garia Rly Stn.)Garia, Kolkata - 700152** : Bachelor's Degree in any discipline under (10+2+3) pattern with a course in Mathematics as one of the subjects in the Degree level or B.C.A./B.E./B.Tech. Degree. **Intake : 45**
17. **BENGAL INSTITUTE OF TECHNOLOGY, Bamunghata, (Near Science City), Kolkata-700 150:** Bachelor's Degree in any discipline under (10+2+3) pattern with a course in Mathematics as one of the subjects in the Degree level or B.C.A./B.E./B.Tech. Degree. **Intake: 60.**
18. **PAILAN COLLEGE OF MANAGEMENT & TECHNOLOGY, Bengal Pailan Park,(near IIM Joka), Diamond Harbour Road, Kolkata-700 104** : (a) Bachelor's Degree in Mathematics/ Physics or Chemistry, Economics, Computer Science with Mathematics as one of the subjects (b) Bachelor's Degree in Information Science/Software Technology or Computer Applications. **Intake : 60**
19. **NARULA INSTITUTE OF TECHNOLOGY, 81, Nilgunj Road, Agarpara, Kolkata-19** : Bachelor's Degree in any discipline under (10+2+3) pattern with a course in Mathematics as one of the subjects in the Degree level or B.E./B.Tech. Degree. **Intake : 60**
20. **MANAGEMENT INSTITUTE OF DURGAPUR, G.T. Road, Rajbandh, Durgapur – 713 212** : Bachelor's Degree in any discipline under (10+2+3) pattern with a course in Mathematics as one of the subjects in the Degree level or B.C.A./B.E./B.Tech. Degree. **Intake : 60**

21. **HERITAGE INSTITUTE OF TECHNOLOGY, Chowbhaga Road, Anandapur, Kolkata – 700 107** : Bachelor's Degree in Arts, Science, Commerce etc. (10+2+3) pattern with Mathematics as one of the core subjects or B.E./B.Tech. Degree. **Intake : 60**
22. **DR. B.C.ROY ENGINEERING COLLEGE, Jemua Road, Fuljhore, Durgapur – 713 206** : Bachelor's Degree in any discipline under (10+2+3) pattern with a course in Mathematics as one of the subjects in the Degree level. **Intake : 60**
23. **BENGAL COLLEGE OF ENGINEERING & TECHNOLOGY, Sahid Sukumar Banerjee Sarani, Bidhan Nagar, Durgapur-713 212** : Bachelor's Degree in any discipline under (10+2+3) pattern with a course in Mathematics as one of the subjects in the Degree level or B.E./B.Tech. Degree. **Intake : 60**
24. **TECHNO INDIA, HOOGHLY, Dharampur, Santiniketan, Chinsurah – 712 101** : Bachelor's Degree in any discipline under (10+2+3) pattern with a course in Mathematics as one of the subjects in the Degree level or B.E./B.Tech. Degree. **Intake : 60**
25. **SILIGURI INSTITUTE OF TECHNOLOGY, Hill-Cart Road, P.O. Sukna, Siliguri, Dist. Darjeeling - 734009** : Bachelor's Degree in any discipline under (10+2+3) pattern with a course in Mathematics as one of the subjects in the Degree level or B.C.A./B.Tech. Degree. **Intake : 60**
26. **ACADEMY OF TECHNOLOGY, G.T. Road, Aedeonagar, Hooghly-712 121** : Bachelor's Degree in any discipline under (10+2+3) pattern with a course in Mathematics as one of the subjects in the Degree level or B.E./B.Tech. Degree. **Intake : 60**

N.B.: Intake of each University/Institution may be changed which will be confirmed from the official website of Central Selection Committee (E&T) after publication of result of JECA-2008.

APPLICATION : Candidates intending to appear in the Joint Entrance Examination JECA-2008, shall have to apply in the prescribed form which will be available along with information sheet from 16.04.2008 to 06.05.2008 from the under mentioned Branches of **United Bank of India** at **KOLKATA & HOWRAH** :- College Street, Jadavpur, Shyambazar, Salt Lake (Mayuk Bhavan), B.E.College Extension Counter and **OUTSIDE KOLKATA** - Bardhaman, Berhampur, Bolpur, Chinsurah, Durgapur, Darjeeling, Jalpaiguri, Kalyani, Kharagpur, Malda, Purulia, Siliguri, Tamluk on all working days and on SATURDAYS (10 a.m. to 1 p.m.) (except Holidays and Sundays) on payment of **Rs.400.00 in CASH..** *The Application form once purchased cannot be returned or replaced.*

The Application form and information sheet may also be obtained from the Office of the BOARD through Postal request only by sending self-addressed stamped (Rs.45/- for Registered Post) envelope (26cm x 13 cm) along with a Demand Draft of Rs.400/- (Rupees Four hundred) only payable to **“WEST BENGAL JOINT ENTRANCE EXAMINATIONS BOARD”** payable at **Kolkata / Howrah** and should reach the Office of the Board, at AQ-13/1, Sector – V, Salt Lake City, Kolkata – 700 091 on or before **22.04.2008.**

SUBMISSION : The duly filled in application form has to be sent by **Speed Post** only so as to reach the Office of the Joint Entrance Examinations Board, AQ-13/1, Sector – V, Salt Lake City, Kolkata – 700 091 by 22.04.2008. *No Caste Certificate, Marks sheet and other relevant papers are required to be submitted alongwith the Form. The documents will have to be produced at the time of admission.*

ENROLMENT : After receipt of duly filled-in prescribed application form by the Board, an Admit Card will be sent to each applicant informing his/her Examination Centre of the Joint Entrance Examination and the Enrolment Number. In case the applicant does not receive the Admit Card by 24.06.2008, he/she should contact personally with **this Board Office** along with relevant documents of submission of application form with the attested copy of photograph for procurement of **Duplicate Admit Card from 25.06.2008 to 27.06.2008** between 11 A.M. to 4 P.M.

It should be note` that in case of loss of original Admit Card after the said Admission Test, Duplicate Admit Card may be issued on payment of Rs.25/- (twenty five) only by **CASH**. The candidate must submit an application addressed to the Member Secretary of the Board to this effect with the oricanal copy of F.I.R. lodged at the Local Police Station and a colourR passport-size photograph (without attestation).

ZONE O EXAMINATION : The examination will be held simultaneously at the following Zones provided there are sufficient no. of candidates at the Zone3.

Name of the Zone
BARDDHAMAN
DURGAPUR
KRISHNAGAR
MEDINIPUR
SILIGURI
COLKATA
HOWRAH

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

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.

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 released on Website – www.wbjeeb.in. There is no provision for post-publication scrutiny or review and hence the Board will not entertain any such application.

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 Institutions with the prescribed fees within the prescribed date, as per respective eligibility criteria to be advertised by the respective Institutions later on.

PATTERN OF QUESTION AND SYLLABUS :

JECA-2008 : Question Paper will have two parts

Part – I : Aptitude Test (100 marks) :

All questions will be MCQ type and to be answered in OMR Answer Sheet.

Time : One hour :

Syllabus of Aptitude test for JECA-2008 :

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

Part-II : Mathematics (100 marks)

Short Question (not of multiple choice type) to be worked out in details within the space provided in the Question-cum-Answer Booklet..

Time : One and a half hour.

Syllabus of Mathematics for JECA –2007:

- (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 single 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 distributions; Mean; Median; Mode; Standard Deviation; Correlation co-efficients.

N.B. : The candidates will have to submit the OMR Answer Scripts of Part - I and Question-cum-Answer Booklet of Part – II to the Invigilator in the Examination Hall after completion of each paper.

KEY DATES :

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| 1. | Selling of Application Form with Information Sheet | ... | ... | 16.04.2008 to 06.05.2008 |
| 2. | Last date for receipt of filled in Applications by "Speed Post" | ... | ... | 07.05.2008 |

3. Issue of Duplicate Admit Card ... 25.06.2008 to 27.06.2008
from Office of the Board. (Between 11 A.M. to 4 P.M.)