WEST BENGAL JOINT ENTRANCE EXAMINATIONS BOARD
SLATER HALL, BENGAL ENGINEERING & SCIENCE UNIVERSITY,SHIBPUR,HOWRAH–711 103.

Gram : JEXAB, HOWRAH

LOGO

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INFORMATION SHEET
INSTRUCTION TO CANDIDATES FOR THE JOINT ENTRANCE EXAMINATION- 2007
FOR ADMISSION TO
MASTER OF COMPUTER APPLICATION (MCA) COURSE
JECA - 2007

The Board will conduct the Joint Entrance Examination called JECA-2007 as per following programme :

DAY & DATE :	TIME :	SUBJECT :	DURATION :
SUNDAY,THE 27th MAY, 2007	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 :

1. **BENGAL ENGINEERING AND SCIENCE UNIVERSITY, SHIBPUR, P.O. B. Garden, Howrah –711 103** : Bachaelor's Degree in any discipline under (10+2+3) pattern with Mathematics as one of the subjects in the degree level or B.E./B.Tech Degree. **Intake: 30**.
2. **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**

3. **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**.
4. **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**
5. **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. **KALYANI GOVT. ENGINEERING COLLEGE, P.O. 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.E./B.Tech. Degree. **Intake : 4 0**
8. **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**

9. **RCC INSTITUTE OF INFORMATION TECHNOLOGY,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**
10. **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**
11. **SILIGURI INSTITUTE OF TECHNOLOGY, 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**
12. **TECHNO INDIA, 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**
13. **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**
14. **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**
15. **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**
16. **NETAJI SUBHAS ENGIEERING 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, Dr.Meghnath Saha Sarani, Bidhannagar, 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. **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 2007 only are eligible. **Intake : 40**

26. **ACADEMY OF TECHNOLOGY, G.T. Road, Acdeonagar, Hooghly-712 124** : 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 confirmed from the official website of Central Selection Committee (E&T) after publication of result of JECA-2007. The communication address of Central Selection Committee (E&T) : A.K. Seal Hall, Bengal Engineering & Science University, Shibpur Campus, Howrah – 711 103. Website: www.csc-et.org

APPLICATION : Candidates intending to appear in the Joint Entrance Examination JECA-2007, shall have to apply in the prescribed form which will be available along with information sheet from 07.03.2007 to 07.04.2007 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 between 10 a.m. and 2 p.m. on all working days and between 10 a.m. and 12 noon on SATURDAYS (except Holidays and Sundays) on payment of **Rs.350.00 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 ONLY through Postal request by sending self-addressed stamped (Rs.40/- for Registered Post) envelope (26cm x 13 cm) along with a Demand Draft of Rs.350/- (Rupees Three hundred and fifty) only payable to "**WEST BENGAL JOINT ENTRANCE EXAMINATIONS BOARD** at **Howrah** and should reach the Office of the Board, at Salter Hall, Bengal Engineering and Science University, Shibpur Campus, Howrah – 711 103 on or before **30th MARCH, 2007**.

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, Slater Hall, Bengal Engineering and Science University, Shibpur Campus, Howrah – 711 103 by **16th APRIL, 2007**. ***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***.

The candidates may confirm their candidature by searching website http://jexab.becs.ac.in after 04.05.2007

DOMICILE DISTRICT CODE : The intending candidates should write domicile District Code as applicable in the prescribed boxes as designed in the application form. :

Code No.	District	Code No.	District
60	BANKURA	70	MALDA
61	BIRBHUM	71	MURSHIDABAD
62	BARDHAMAN	72	NADIA
63	COOCHBEHAR	73	NORTH 24 PARGANAS
64	DARJEELING	74	PASCHIM MEDINIPUR
65	DAKSHIN DIANAJPUR	75	PURBA MEDINIPUR
66	HOOGHLY	76	PURULIA
67	HOWRAH	77	SOUTH 24 PARGANAS
68	JALPAIGURI	78	UTTAR DINAJPUR
69	KOLKATA	79	OTHER STATE

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 **21.5.2007** he/she should contact personally with **this Board** along with relevant documents of submission of application form with the attested copy of photograph for procurement of **Duplicate Admit Card from 22.5.2007 to 25.5.2007** between 11 A.M. to 4 P.M.

It should be noted 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 Controller of Examinations of the Board to this effect with the original copy of F.I.R. lodged at the Local Police Station and a colour passport-size photograph (without attestation).

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

Zone Code	Name of the Zone
20	BARDDHAMAN
21	DURGAPUR
22	KALYANI
23	MEDINIPUR
24	SILIGURI
25	KOLKATA
26	HOWRAH

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

The applicant should indicate a second choice of Zone of 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 – jexab.becs.ac.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.

JECA-2007 : Question Paper will have two parts

Part – I : Objective type questions on Aptitude Test (100 marks)

Time : **One hour** :

Syllabus of Aptitude test for JECA-2007

(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.
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 Moiver'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 & Maclaruin'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.

KEY DATES :

1. (a) Selling of Application Form with Information Sheet … … 07.03.2007 to 07.04.2007

2. Last date for
   (a) Receipt of request for Application Form with Information Sheet by Post … … 30.03.2007

   (b) Receipt of filled in Applications by "Speed Post" only. … … 16.04.2007

3. Issue of Duplicate Admit Card from Office of the Board. … … 22.05.2007 to 25.05.2007 Between 11 A.M. to 4 P.M.