

**Brochure containing the details of Post Graduate Common Entrance Test – 2008
(PGCET-2008) for admission to MCA course in Karnataka**

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SECTION - A

1. INTRODUCTION:

The **Central Post Graduate Admission Committee (CPAC)** was constituted vide the Government order No. ED/49/TEC/2005 dated 22-03-2005 as the State Agency to oversee smooth conduct of admissions to post graduate courses in the State of Karnataka. The Visvesvaraya Technological University, Belgaum has been entrusted by the Government Order no. ED/27/TEC/2008 dated 14-02-2008 to conduct the **Post Graduate Common Entrance Test (PGCET) -2008** in the State of Karnataka for admission to **MCA** Course.

The Karnataka PGCET - 2008 is being conducted for the purpose of determining the merit of both Karnataka and Non-Karnataka Candidates for admission to the First year / First semester of Full Time course in Master of Computer Applications in Government Colleges, University Departments and the private unaided institutions affiliated to the following Universities- *Bangalore, Gulbarga, Karnatak, Kuvempu, Mangalore, Mysore, Tumkur, Bijapur Women's University and Visvesvaraya Technological University*, within the State of Karnataka for the academic year 2008-2009. Karnataka candidates are eligible for both Government Seats (Category A Seats i.e. 100 % seats in Government colleges & University Departments and 50% of the total Intake in private unaided institutions) and Managements seats (Category B Seats i.e seats other than Govt. Seats) Surrendered by private unaided institutions. However, the Non-Karnataka candidates appearing for PGCET- 2008 are eligible for those seats available against the management seats (Category B Seats) of private unaided institutions, in such cases where the institutions have surrendered their seats to CPAC.

Admissions are made in accordance with the Gazette Notification of Karnataka State Government, 2005 ('G.O.' for short) as amended from time to time and therefore the details and instructions contained in this Brochure are subject to the said G.O. In case of any discrepancy, the relevant G.O. shall prevail.

MCA Course:

The "**Master of Computer Applications**" Course abbreviated, as **MCA** is a Full Time course of three years duration extended over six semesters.

The number of seats available for admission to MCA Course through CPAC for the year 2008 in the State of Karnataka is approximately **2200**, apart from the seats that may be surrendered by the Private Unaided Institutions.

2. DEFINITIONS:

a) Karnataka Candidate:

(i) "Karnataka Candidate" means a student who has studied in one or more Government or Government recognized Educational Institutions located in the State of Karnataka for a minimum period of seven academic years (commencing from 1st standard up to qualifying examination either continuously or in broken period) as on 1st July of 2008 and has studied, appeared and passed the Secondary School Leaving Certificate or 10th Standard Examination or the Second Pre-University Course Examination or 12th Standard Examination in a Government or Government recognized Educational Institution located in the State of Karnataka.

Explanation – In respect of candidates who have directly appeared for SSLC or PUC or studied in Open School, the period of seven years study shall not be insisted. However, such persons shall produce domicile certificate for having studied as such for seven years.

Provided that in the case of a candidate who takes more than one year to pass a class or standard, the years of academic study is counted as one year only.

(ii) "Karnataka Candidate" also means and includes a candidate who has studied and passed the qualifying examination within the State of Karnataka from an Educational Institution run or recognized by the State Government and either of his parents should have studied in an Educational Institution run or recognized by the State Government and located in the State of Karnataka for a minimum period of SEVEN years.

b) Ex-Serviceman:

"Ex-Serviceman" shall have the same meaning assigned to it in clause (i) of sub-rule (1) of rule 2 of the Karnataka Civil Services (General Recruitment) Rules, 1977 as amended from time to time / son or daughter of an

Ex-Serviceman, who at the time of joining the Defense Service has declared a place in Karnataka as his home town and produces proof of such domicile from the Rajya Sainik Board.

- c) **Physically Disabled:** 'Physically Disabled' shall have the same meaning as assigned in the Persons with Disabilities (Equal opportunities, Protection of Rights and full participation) Act, 1995 (Central Act 1 of 1996).
- d) **Government Seats:** "Government Seats" means, all 100 % seats in Government Colleges, University Constituent Colleges and Department of Studies offering MCA in the Universities of the State & 50% of the Seats in affiliated private unaided colleges (Category A Seats)
- e) **General Category Seats:** It means the seats other than the reserved seats;
- f) **Management Seats:** "Management Seats" (Category B seats) means other than the Govt. seats in private institutions.
- g) **Reserved Seats:** "Reserved Seats" means the seats reserved in Government colleges, Constituent colleges of Universities, Private Aided and Unaided Professional Educational Institutions in favour of persons belonging to the Scheduled Castes, the Scheduled Tribes and Other Backward Classes as may be notified by the State Government;
- h) **Admission Committee:** "Admission Committee" means the Committee constituted by the Government called 'Central PG Admission Committee (CPAC)' for selection of candidates for the Government seats and for the Management seats if the Managements have requested the CPAC to fill their Management quota Seats through the State level common entrance test for admission to MCA course, called Karnataka PG Common Entrance Test (PGCET) conducted by CPAC.

3. ADMISSION PROCEDURE:

In order to obtain admission to MCA course in any Institution in the State of Karnataka through PGCET Cell, a candidate shall appear for the MCA PGCET-2008 Test on **15-06-2008 (Sunday)** between **2.00 PM to 4.00 PM**. The merit of a candidate is determined solely on the marks obtained in the MCA PGCET-2008. Both Karnataka

and Non-Karnataka candidates are eligible to apply for admission. However, the Karnataka Candidates are eligible for admission under the following category of seats:

- (i) Government Seats both reserved and General category.
- (ii) Management Seats, if surrendered by the private institutions,
Non-Karnataka candidates are eligible for admission to Management seats.

The candidates will be allowed to select seats in the order of their merit during the seat selection process, the schedule of which will be announced along with the publication of Merit list.

IMPORTANT POINTS TO NOTE:

- A DD of Rs 600/- (Rs. 300 in case of Karnataka SC / ST & Cat-I on production of documentary proof) drawn in favour of **Member Secretary, CPAC, payable at Belgaum** should be sent along with the application form.
- All candidates applying for admission are permitted to appear for the entrance test. Permission to appear for the test neither entitles the candidate for a claim to be allotted a Rank or to be considered for admission. Subsequent to the test, if a candidate is found '**not eligible**' as per eligibility criteria specified in (4) below, the candidate will not be allotted a rank.
- Candidates without eligibility shall not participate in the seat selection process.
- Candidates who have appeared for the final year examination are also eligible to apply for the PG CET-2008. However, they shall submit the Marks cards on or before **05-07-2008**, the last date specified by PG CET Cell.

4. ACADEMIC ELIGIBILITY: Who can apply?

Not only a candidate who has passed the qualifying examination (Q.E.) with requisite marks but also a student who has appeared for the Q.E. and who is expecting the results is eligible to apply for the Common Entrance Test.

Admission is open to **Master of Computer Applications** Course for all the candidates who have passed a Bachelor Degree of minimum 3 years duration.

Admission to **Master of Computer Applications** course shall be open for the candidates who have passed the Bachelor Degree examination with not less than fifty percent of the marks in the aggregate of all the years of the degree examinations. However, in the case of candidates from Karnataka belonging to SC/ST and Category-I,

the aggregate percentage of marks of all the years of the qualifying examinations shall not be less than forty-five percent.

Provided candidate shall have passed Bachelors Degree with not less than fifty percent of marks with **Mathematics** OR **Statistics** OR **Computer Science** OR **Computer Programming** OR **Computer Applications** OR **Business mathematics** OR **Business Statistics** as one of the optional or electives. However in the case of candidates belonging to SC / ST and Cat-I, the aggregate percentage of marks shall not be less than forty five percent.

Provided further that in respect of candidate who has studied and passed one of the subjects specified in the first proviso in the Pre-University Course with fifty percent of marks in that subject shall also be considered for admission. However in the case of candidates belonging to SC / ST and Cat-I, forty five percent of marks in that subject shall be considered for Admission.

IMPORTANT NOTE: The Aggregate percentage of marks shall be calculated as the sum of the marks scored by the candidate in all the subjects of all these years / semesters of the course of the qualifying examination, divided by the sum of maximum marks of all these subjects of all the years / semesters of the course multiplied by 100.

No rounding off of percentage is permitted. For ex. even if a general merit candidate has an aggregate percentage of marks of 49.99 % the candidate shall not be eligible for the course.

5. SUBMISSION OF APPLICATION FORM:

The application form is common to both Karnataka and Non-Karnataka Candidates seeking admission to MCA course and is available on the website: www.vtu.ac.in & <http://pgcet.vtu.ac.in> along with this information Brochure.

INSTRUCTIONS TO APPLICANTS:

- ❖ The filled in application form complete in all respects, D.D for Rs. 600/- or Rs. 300/- as applicable and ANNEXURE-POSTAL ADDRESS should reach the office of **The Member Secretary, CPAC & Registrar, 'Jnana Sangama', VTU, Machhe, Belgaum - 590 018**, in on or before **24 -05-2008**. The application shall

be sent only by **Registered A/D Post or Speed Post or to be handed over in Person**. Please collect the acknowledgement slip, if handed over in person.

- ❖ Confirm that you have enclosed attested copies of all relevant documents mentioned in **ENCLOSURES CHECK LIST** in Application form.
- ❖ The choice of Test Place is to be written in the box provided; however, **Test centre** will be allotted by the PG CET cell based on the availability of vacancy in that centre. **(See Annexure - 2 for Test Place, Test Centre Code & Address)**
- ❖ Candidates whose final year marks are not available at the time of submitting application, have to submit positively the attested copy of marks card on or before **05-07-2008**, to become eligible for allotment of a Rank; otherwise they are considered as '**not eligible**'.
- ❖ Incomplete applications are liable to be rejected.
- ❖ Application and any other documents received after the last date specified will not be considered and PG CET Cell is not responsible for any **POSTAL DELAY**.
- ❖ The application being an important document, the candidates are required to provide complete and accurate information. Incomplete and/or false information could adversely affect his/her chances of selection and also he/she is liable for disqualification.
- ❖ The CPAC reserves the right to cancel the selection even after final seat selection and admission, if any information or part thereof furnished by the candidate is found to be false.
- ❖ In all matters relating to admission, the decision of the CPAC shall be final and binding on the applicant.
- ❖ No correspondence will be entertained from the candidate over his / her non-selection.
- ❖ Applicants have to appear for **Written Test** on **15-06-2008 (Sunday)** between **2.00 PM to 4.00 PM** at the allotted Test Centre. Candidates who are not appearing for PG CET Test are not eligible for seat selection through PG CET.
- ❖ All applicants have to bring their Admission Ticket to appear for the Test.
- ❖ The candidates have to appear for the Written Test at their own cost.

IMPORTANT POINTS TO NOTE:

- Fill in the Test Place correctly as per Annexure - 2.
- Only one counseling place shall be selected.
- Test Place first opted by the candidate and Test Centre once allotted by PG CET can not be changed.
- DO NOT FILL THE SEAT NUMBER and TEST CENTRE.
- Mention clearly KARNATAKA or NON-KARNATAKA.

6. WHERE TO SUBMIT THE COMPLETED APPLICATION FORM?

The completed application form, D.D. for Rs. 600/- or Rs. 300/- as applicable and ANNEXURE-POSTAL ADDRESS with all necessary enclosures should reach the office of **The Member Secretary, CPAC & Registrar, 'Jnana Sangama', VTU, Machhe, Belgaum - 590 018**, on or before **24-05-2008**. The application is to be sent only by **Registered A/D Post or Speed Post or to be handed over in Person**. Please collect the acknowledgement slip, if handed over in person.

The envelope should be clearly marked with the words '**MCA APPLICATION FORM**'.

7. ALLOTMENT OF TEST CENTRES AND DISPATCH OF ADMISSION TICKETS:

On receipt of completed application form from the candidates, PG CET Cell will allot the Test Centre and Seat Number to the applicant. The Admission Ticket of the applicant will be uploaded on the website www.vtu.ac.in & <http://pgcet.vtu.ac.in>. The applicant should download his/her Admission Ticket by entering the course as MCA, his/her name and Test Place. In case the Admission Ticket is not generated / received on or before **05-06-2008**, the candidate should contact PG CET Cell by Phone/Fax or e-mail. If the Admission Ticket is not received before the test date, a candidate can attend the test if the seat number is allotted to him/her in the list displayed on the website <http://www.vtu.ac.in> and <http://pgcet.vtu.ac.in> one day before the Test, even if the Admission Ticket is not received before the test date.

PG CET cell shall however arrange to dispatch a copy of the brochure and Admission Ticket after receiving the completed application form, D.D. and ANNEXURE-POSTAL ADDRESS from the applicant.

8. DETERMINATION OF MERIT:

The candidates will be allowed to select seats in the order of their merit during the seat selection process. Merit List shall be prepared as follows:

- a) **'A Merit List'** consisting of all the eligible candidates shall be prepared based solely on the marks obtained in the **MCA PGCET-2008**.
- b) Where the merit of two or more candidates is the same, the inter-se merit shall be determined with reference to the marks obtained in the qualifying examination and the candidate securing higher marks in the qualifying examination placed above the candidates securing lower marks in the qualifying examination.
- c) Where the merit of two or more candidates is equal after determining the merit under clause (b), the inter-se merit shall be determined on the basis of the age of the candidate, with the elder candidates placed above the younger.

NOTE:

- (i) The schedule of seat selection process, Counseling Center addresses will be announced along with the publication of Merit List.
- (ii) Mere assigning of merit to a candidate does not confer any right to him/her to select a seat.

9. ALLOTMENT OF SEATS:

The allotment of seats shall be done as per the Seat Matrix published by the Government. There shall be both General & Reserved Category seats under Government Seats and only General Category Seats under Management Seats (if any surrendered by Private Unaided institutions).

- (i) The General Category and Reserved Category seats under Government Seats shall be allotted to only those candidates who qualify as Karnataka candidates as per definition 2(a)
- (ii) The General Category seats under Management Seats shall be allotted to both Karnataka and Non Karnataka candidates.

10. RESERVATION OF SEATS IN FAVOUR OF CERTAIN CATEGORIES:

(1) Seats shall be reserved under Government Seats in favour of the following categories of candidates to the extent specified by Government, from time to time.

- (a) Candidates belonging to the Scheduled Castes, the Scheduled Tribes and Other Backward Classes of citizens under Categories I, II-A, II-B, III-A, III-B in accordance with G. O. No. SWL 251 BCA 94, dated: 31-01-1995.
- (b) Candidate who is a son or daughter of an Ex-serviceman.
- (c) Candidates who are Physically Disabled.

- (2) Inter-se merit shall be the basis for selection under this rule.
- (3) The original documents of the candidates claiming reservation under any of the categories shall be subject to certification and confirmation at the time of admission.

SECTION - B

1. SYLLABUS:

The Syllabus and Model Question Paper of MCA entrance Test are provided in Annexure - 3. The indicated percentage of topics and Model question Papers are representative samples only. The actual may vary from Question Paper to Question Paper.

2. QUESTION PAPERS AND DURATION:

Model Question Paper is based on the specified syllabus for the Common Entrance Test with the following guidelines:

- a. The Common Entrance Test shall be of two hours duration.
- b. Question Paper shall be for a maximum of 100 marks.
- c. All the questions shall be of objective type with varying degree of difficulty.
- d. The question paper shall have two parts - A and B
 - **Part - A** shall consist of Test of English Language and General Knowledge with equal weightage. The test of English would cover all aspects of English Language. The test of General Knowledge would cover questions pertaining to the current affairs and the knowledge about the political, economical, social, cultural, historical and business aspects.
 - **Part - B** shall consist of Test of Reasoning and Quantitative Skills with equal weightage. This section shall cover logical, analytical, verbal and mathematical skills.
- e. There shall be no negative marking for wrong answers.
- f. All questions shall be compulsory.
- g. Use of calculator shall not be permitted.
- h. Mobile Phones are not permitted in the examination hall.

3. RESPONSE SHEET: Marking the OMR Sheet

- The candidate shall answer in the Response Sheet provided for the answering purpose.
- Revaluation of Response sheet is NOT PERMITTED.
- Candidate should mark the OMR sheet with **Black Sketch Pen Only**.
- How to answer in the OMR sheet?

- Completely darken the circle corresponding to the correct answer

For Example: If 'b' is correct answer darken the corresponding circle completely



- Wrong way of marking. DO NOT mark the OMR sheet as follows



IMPORTANT NOTE:

- ✓ *If a candidate has applied for both MBA & MCA courses & if the centres allotted to the candidate for these courses happen to be different, provision is made to allow the candidate to write the MCA test in the same centre. However, the candidate has to write the MCA test with the MCA seat number allotted to him / her.*

SECTION - C

1. DOCUMENTS TO BE PRODUCED DURING SEAT SELECTION:

All Candidates have to compulsorily produce their Admission Ticket at the time of counseling. Apart from this, the following original documents are required to be produced:

- a. SSLC Marks Card
 - b. PUC Marks Card
 - c. All Degree Marks Cards
 - d. Valid Caste Certificate obtained under rule 7 of the Karnataka Scheduled Castes, Scheduled Tribes and Other Backward Classes (Reservation of appointment etc.) Rules 1992
 - e. Income Certificate, if claiming admission under Caste reservation category.
 - f. Authentic documents certified by the Tahashildar / Competent Authority for claiming admission under Caste reservation category.
 - g. Study Certificate:
 - i. Seven year study certificate issued by Head Master / Principal, Primary or High School with Counter signed by Block Education Officers; OR
 - ii. Seven year study certificate issued to "Grameena Abyarathi" Counter signed by Block Education Officers.
- If a candidate fails to produce a valid Study certificate, he/she is considered under Non - Karnataka Category.
- h. Relevant Domicile certificate in the case of candidates claiming seat reserved under Ex-Serviceman category.
 - i. Physical Disability certificate in case of candidates claiming seat reserved under Physically Disabled category.

Note: (a) Immediately after verification, all the original certificates will be returned to the candidate.

(b) When the required original documents are not produced as specified above, such applications are liable for rejection.

(c) Where a candidate or his parents or guardians furnishes false or incorrect marks card or a statement of marks or a certificate or an affidavit filed along with the application, such application shall be liable for rejection and the candidate and their

parents or guardians, as the case may be, shall also render themselves for civil and criminal action.

2. PROCEDURE OF SEAT SELECTION BY THE CANDIDATES:

The seat selection process will be facilitated in different Counseling Centers connected by a high-speed data network through Video conferencing mode. The candidate shall appear for counseling at his/her chosen counseling place specified by him/her in the application. The selection of seat by a candidate and admission shall comprise of the following steps:

- i) Registration of the Candidate at counseling centre
- ii) Verification of the documents
- iii) Exercising the option by candidates (Selection of seats in accordance with merit order) at the counseling centre where the availability of seat is displayed using a projector linked to a computer which is programmed to account for the ongoing selection and balance seats available institution-wise as per the seat matrix.
- iv) The candidate shall make payment of admission fee as specified in (2) above at the fee payment counter.
- v) The candidate shall collect a Provisional Admission Order signed by the Member Secretary, CPAC / a person authorized by Member Secretary, CPAC.
- vi) Candidates can proceed to the allotted Institution and report there within the last date specified for admission.

4. ALLOTMENT OF SEATS AND CONVERSION OF UNFILLED SEATS:

Allotment of the General Category and Reserved Category seats under Government Seats and surrendered Management Seats: Seats shall be allotted in two Rounds of Counseling – the **First Round** and the **Casual Round**

❖ First Round

The Merit List shall be operated to allot the General and Reserved Category Seats under Government Seats to eligible Karnataka candidates only. The same Merit List shall be used to allot the surrendered Management Seats (if any) to both eligible Karnataka and Non Karnataka candidates.

Who are Eligible to attend First Round Counseling:

- All Karnataka & Non Karnataka candidates who have a rank are eligible to attend the First Round Counseling.

❖ Casual Round

The seats remaining vacant under Reserved Categories after **First Round** shall be merged with the General Category of Government Seats. The number of seats available will be notified on the website <http://www.vtu.ac.in> and <http://pgcet.vtu.ac.in> and candidates who have been allotted a merit and who have either selected/not selected a seat in the **First Round** or not attended the **First Round** may attend the **Casual Round** counseling on scheduled dates notified along with the Merit List publication.

Who are Eligible to attend Casual Round Counseling:

- All candidates who are allotted a merit and who have either selected / not selected a seat in the **First Round** provided that candidates who take admission in the college allotted to them in the **First Round** shall not be eligible to attend the **Casual Round**.
- All candidates who are allotted a merit and who have not attended the **First Round**

IMPORTANT POINTS TO NOTE:

- **No separate individual intimation will be sent to the candidates for attending the seat selection. The Counseling Place/Places and schedule will be notified at the time of publication of Merit List.**
- Candidate can attend Counseling at any **ONE** counseling Place opted in the application.
- All original certificates are required to be produced at the time of Counseling. Candidates should get their originals verified strictly on the date indicated in the schedule published along with Merit List, failing which the candidate will lose his/her claim to attend the seat selection process.
- Those who are claiming concession under SC/ ST/ Cat-I and other category (Children of Ex-servicemen/Physically Disabled) should specify the Category/sub-category with authentic documentary support. If adequate information is not supplied in this regard, the candidate's claim for concession will not be entertained.
- The candidates appearing for the Counseling at their own cost.

2. ADMISSION FEE:

Only the annual tuition fee as specified in G.O. shall be collected at the time of admission. The details shall be made known well in advance before the commencement of counseling. The candidates attending counseling shall bring a crossed **D.D.** drawn in favour of **Member Secretary, CPAC** payable at **Belgaum** for Rs. 50,000/- which is the first year tuition fee.

Important Note: *It is advised that the student has to obtain the relevant information regarding the other fees like registration fee, eligibility fee etc. that he/ she has to pay at the college of his/ her choice from that college itself before attending the counseling. The student may also find out the details regarding the availability of hostel facilities, placement activities and specializations at the colleges of their choice. This information will not be available with the PG CET Cell.*

5. REFUND AND FORFEITURE OF FEE:

If Candidates who have selected a seat in the **First Round**, wish to discontinue for any reason, **MUST** cancel their seat by submitting the following documents before the commencement or during the process of **Casual Round** to be eligible to get a refund of the fee paid.

- i) Original Provisional Admission Order
- ii) Original Fee Receipt
- iii) Application for cancellation of seat and refund of fee paid with Clear & complete correspondence address.

On receipt of all the above documents, the tuition fee paid will be refunded after deducting Rs. 1000/- towards processing charges. If the candidate cancels his/her seat after the Casual Round is completed he/she shall **FORFEIT THE ENTIRE FEE PAID. NO REFUND SHALL BE MADE.**

PLEASE NOTE :-

(1) If a candidate does not wish to attend the Casual Round and wishes to cancel his/her seat selected in **First Round** can send the documents specified above to the Member Secretary, PG CET Cell., VTU, Belgaum by post or in person **so as to reach PG CET Cell at least one day before the commencement of Casual Round.**

(2) But, if the candidate wishes to cancel his/her seat during the process of **Casual Round**, because he/she is neither satisfied with the seat in **First Round** nor has a better choice in **Casual Round** shall come personally to the counseling centre according to the merit & cancel the seat on the spot.

(3). If the candidate cancels his/her seat after the Casual Round is completed he/she shall ***FORFEIT THE ENTIRE FEE PAID. NO REFUND SHALL BE GIVEN.***

6. CHANGE OF COLLEGE AND MUTUAL EXCHANGE:

The PGCET Cell does not entertain any requests for change of Institution at any stage, once the candidate has confirmed his seat at the Computer Terminal during the seat selection, as sufficient flexibility has been built into the seat selection process. Further, mutual change of seats among candidates is also not permitted.

ANNEXURE - 1

Tentative Schedule for MCA Admissions (2008-2009)

1.	Date of Notification calling Applications	04-05-2008
2.	Availability of Applications on website www.vtu.ac.in & http://pgcet.vtu.ac.in	04-05-2008
3.	Last date for receipt of completed Applications	24-05-2008
4.	Candidate Seat No. & Test Centre to be displayed on website www.vtu.ac.in	31-05-2008
5.	Last date to contact PG CET cell, if Admission Ticket is not received by the Candidate OR if seat number is not generated as per the list on website	05-06-2008
6.	Date of test (3rd Sunday of June)	15-06-2008 (2.00 PM to 4.00 PM)
7.	Last date to submit all marks cards to PG CET cell (in case final year results are awaited)	05-07-2008
8.	Declaration of Ranks	09-07-2008
9.	Seat selection Process (Tentative)	11-07-2008 onwards
10.	Commencement of I semester classes	04.08.2008

Note: The verification of documents and Seat Selection process begin at 9.00 am every day and the schedule and Place will be notified at the time of Merit List Publication.

ANNEXURE – 2

TENTATIVE TEST CENTRES

Sl. No.	Test Place	Test Centre Address	College Code
1	Bagalkot	Basaveshwar Engineering College, P B No. 53, Bagalkot – 587 102 Phone No.: (08354) 234060	BA
2	Bangalore	B.M.S College of Engineering, Post Box No. 1908, Bull Temple Road, Bangalore – 560 019 Phone No.: (080) 26622131	BM
3	Bangalore	Bangalore Institute of Technology, K.R. Road, V.V. Puram, Bangalore – 560 004 Phone No.: (080) 6613237	BI
4	Bangalore	Dayananda Sagar College of Engineering, Shavige Mallesha Hills, Kumaraswamy Layout, Bangalore – 560 078 Phone No.: (080) 26662226	DS
5	Bangalore	Dr. Ambedkar Institute of Technology, BDA Outer Ring Road, Near Jnana Bharathi Bangalore – 560 056 Phone No.: (080) 3217789, 3218534,	DA
6	Bangalore	M.S. Ramaiah Institute of Technology, Vidya Soudha, M.S. Ramaya Nagar, MSRIT Post, Bangalore – 560 054 Phone No.: (080) 3603124	MS
7	Bangalore	Vemana Institute of Technology, No. 1, 100 Feet Road, 3 rd Block, Koramangala Bangalore - 560 034 Phone No.: (080) 5529874	VM

Sl. No.	Test Place	Test Centre Address	College Code
8	Belgaum	Raja Lakhamagouda Science Institute, Belgaum – 590 001 Phone No.: (0831) 2420435	LS
9	Bellary	Vijaynagar Engineering College, Cantonment, Bellary – 583 104 Phone No.: (08392) 245328	VC
10	Bijapur	BLDEA's College of Engineering & Technology, Bijapur – 586 103 Phone No.: (08352) 261120, 261130	BL
11	Davangere	Bapuji Institute of Engineering & Technology, Post Box No. 325, Davangere – 577 004 Phone No.: (08192) 222245, 221461	BD
12	Dharwad	S D M College of Engineering & Technology, Dhavalagiri, DHARWAD-580 002	SD
13	Gulbarga	P.D.A. College of Engineering, Gulbarga -585 104 Phone No.: (08472) 224360, 220172	PD
14	Hubli	BVB College of Engineering & Tech, Vidyanagar, Hubli – 580 031 Phone No.: (0836) 2378101, 2374150	BV
15	Mangalore	University College, (Former Government College), Hampankatta, Mangalore – 575 001 Phone.: 2424760	MZ
16	Mysore	The National Institute of Engineering, Manandavadi Road, Mysore – 570 008 Phone No.: (0821) 2481220, 2480475	NI

Sl. No.	Test Place	Test Centre Address	College Code
17	Mysore	Department of Studies in Computer Science University of Mysore, MAnasagangothri, Mysore -570 006 Phone No.: 0821-2510789	UM
18	Shimoga	Sahyadri Science College, B.H.Road – Vidyanagar, Shimoga – 577203 Phone No.: (08182) 240435	SZ
19	Tumkur	Siddaganga Institute of Technology, Tumkur – 572 103 Phone No.: (0816) 2282990, 91, 92, 93	SI

ANNEXURE - 3

MCA SYLLABUS AND MODEL QUESTION PAPER

The question paper shall comprise of 80 questions to be answered in 2 hours time. All the questions are of objective type with 4 choices for the answer out of which only one shall be correct, which the candidate has to mark. There shall be two parts A & B. Part - A shall consist of 60 questions of 1 mark each and Part - B shall consist of 20 questions of 2 marks each covering the full syllabus. If a question has not been attempted, no credit will be given. The syllabus shall comprise of the following broad areas:

Sl. No.	Subject	Marks
1	Mathematics	40
2	Computer Awareness	20
3	Analytical Ability & Logical Reasoning	15
4	General Awareness	10
5	General English	15
	Total	100

1. Mathematics

Algebra: Fundamental operations in Algebra, Expansion, Factorization, Simultaneous Linear / Quadratic equations, Indices, Logarithms, Arithmetic, Geometric and Harmonic progressions, Binomial theorem, Permutations and Combinations, Surds, Determinants, Matrices and application to solution of simultaneous linear equations

Co-Ordinate Geometry: Rectangular Cartesian co-ordinates, Equations of Line, Mid-point, Intersections etc., Equations of a Circle, Distance formulae, Pair of straight lines, Parabola, Ellipse and Hyperbola, Simple Geometric transformations such as Translation, Rotation, Scaling.

Vector: Position vector, Addition and Subtraction of Vectors, Scalar and Vector products.

Trigonometry: Simple identities, Trigonometric equations, Properties of triangles, Inverse function.

Probability and Statistics: Basic concept of Probability theory, Averages, Dependent and Independent events, Frequency distributions and measures of dispersions, Skewness and Kurtosis, Random variable and Distribution functions, Mathematical Expectations, Binomial, Poisson, Normal distributions, Curve fitting and Principle of Least Squares, Correlation and Regression.

2. Computer Awareness

Computer Basics: Organization of a Computer, Central Processing Unit (CPU), Input/ Output devices, Computer memory, Back-up devices, Computer Languages, Operating Systems.

Data Representation: Representation of Characters, Integers and Fractions, Binary and Hexadecimal representations, Binary arithmetic: Addition, Subtraction, Multiplication, Division, Two's complement arithmetic, Floating-point representation of numbers, Normalized Floating-point representation.

3. Analytical Ability and Logical Reasoning:

The question in this section will cover Logical reasoning, Quantitative reasoning and Visuo-spatial reasoning.

4. General Awareness

This section shall carry questions to test the general awareness about Business, Finance, Industry, Transportation, Scientific inventions, Governance, Healthcare and Cultural dimensions etc.

5. General English:

Questions on Grammar and Vocabulary.

4. How many nibbles are there in this? 0010101111001011
 a) 16 b) 4 c) 2 d) 6
5. A ternary number system has base
 a) 4 b) 3 c) 5 d) 6
6. $(110.101)_2 = (?)_{10}$
 a) 6.5 b) 6.05 c) 6.25 d) 6.625
7. 1KB of memory amounts to
 a) 1024 bits b) 2048 bits c) 4096 bits d) 512 bits
8. An input peripheral unit is
 a) Mouse b) Monitor c) Printer d) Speaker
9. Odd man out in the given list is
 a) ROM b) Ram c) EPROM d) PROM
10. An operating system is a
 a) Hardware b) Software c) Peopleware d) None of the above
11. Laptop is a
 a) Wireless device b) Personal computer c) Mobile device d) All the above
12. ALU is responsible for performing.
 a) Only Arithmetic operations b) Only Logical operations
 c) Both Arithmetic and Logical operations d) Storing the most important data
13. The word VLSI stands for
 a) Very Large Scale Industry b) Very Large Scale Integration
 c) Very Large Simple Integration d) None of the above
14. Two PCs can be connected through
 a) a cable b) a group of wires c) wireless link d) All the above
15. One's complement of $(0000)_2$ in decimal is
 a) 15 b) 1 c) 8 d) 0
16. The important registers in the CPU are
 a) Memory Address Register b) Memory Data Register
 c) Program counter d) All the above
17. Periodic maintenance of computing systems include
 a) Regular backups on data b) Reformatting hard disks
 c) Replacing Backup batteries d) All the above
18. VIRUS is
 a) Vital Information Research under Search. b) Very Important Research upon Speed
 c) Vital Information Resources under Siege. d) Very Important Resources under Siege

32. You buy a bottle of juice for Rs. 1.00. The juice costs 90 paise more than the empty bottle. How much does the empty bottle cost?
a) 10 paise b) 5 paise c) 7 paise d) 2 paise
33. Use all the numbers 1 to 9 and of the four operation +, -, x, ÷, and parentheses, to make a total of 100. You may not change the order of the numbers, or use them more than once!
a) $1+ 2+ 3+ 4+ 5+ 6+ 7+ (8 \times 9)$
b) $(1 \times (2+ 3) \times 4 \times 5) + 6 - 7 - 8 + 9$
c) $((1 \times 2 + 3) / 4) + 5+ 6 +7 +8 +9$
d) Both (a) and (b)
34. The missing number in the series 18, 20, 24, 32, ___ is
a) 48 b) 44 c) 40 d) 42
35. In an examination, a student scores 5 marks for every c and loses 2 marks for every wrong answer. If he attempts all 50 questions and secures 124 marks, the number of questions he correctly attempted is
a) 34 b) 32 c) 30 d) 40
36. Name the president of Afghanistan
a) Pervez Musharaff b) Hamid Karzai
c) Babrak Karmal d) Mohammed Daud Khan
37. Who is the French Open Women's Champion, 2007?
a) Martina Hingis b) Amelie Mauresmo
c) Maria Sharapova d) Justine Henin Hardenne
38. The present Pope at the Vatican City is
a) John Paul IV b) Benedict XVI
c) Pope Gelasius V d) John Paul II
39. The software company I-flex Solution was originally a division of which famous financial services company?
a) Citicorp b) ICICI c) HSBC d) ABN Amro Bank

40. The weight of an object will be minimum when it is placed at
- a) The North Pole
 - b) The South Pole
 - c) The Equator
 - d) The centre of the Earth
41. Which company's chips power more than 60 % of the world's cell phones?
- a) Nokia
 - b) Intel
 - c) Texas Instruments
 - d) Motorola
42. The Indian-American women astronaut on board the space shuttle Atlantis is
- a) Indra Nooyi
 - b) Kiran Majumdar
 - c) Kalpana Chawla
 - d) Sunita Williams
43. India's national airlines is now called
- a) Air India
 - b) Indian Airlines
 - c) Indian
 - d) Hindustan
44. Who is the chief minister of Bihar?
- a) Nitish Kumar
 - b) Narendra Modi
 - c) Mayawati
 - d) Rabri Devi
45. Which nation's national anthem is played at the closing ceremony of the Olympics?
- a) Greece
 - b) Host nation
 - c) Nation to host the net Olympics
 - d) All three
46. Choose the appropriate meaning of the word: "enlighten"
- a) to cause to be one
 - b) to trespass upon
 - c) to cause to see clearly
 - d) to make somewhat different
47. Select the appropriate word:
When he heard the bad news, he went to _____
- a) Parts
 - b) Pieces
 - c) particles
 - d) Sections
48. What is the meaning of "contravene"?
- a) to prevent or abstract the operation
 - b) to force
 - c) to walk about
 - d) to increase in range or scope
49. What is the equivalent word for "to give by will"
- a) Ante
 - b) Bequeath
 - c) Extricate
 - d) Actuate

50. The synonym of GENERIC is
a) Typical b) Peculiar c) Deteriorate d) Permanent
51. The antonym of IMPOSING is
a). Resplendent b) Insignificant c) Posing d) Mislead
52. "A close shave" means
a) a pub that's always crowded b) a neatly shaven face
c) a narrow escape from danger d) a solution that has proved its value in the past
53. Choose the missing word from the sentence given: Ice-cream sales rose _____ last August
a) Steep b) Steeply c) Highly d) Quite
54. I _____ (see) Bill this morning, but I _____ (not see) him since.
a) have seen, haven't seen b) saw, haven't seen
c) have seen, didn't see d) had seen, haven't seen
55. Divide the cake _____ the boy and his cousins.
a) between b) among c) with d) after
56. He came _____ and his sister came _____ too.
a) by walk, on walk b) On walk, by walk
c) walking, walking d) On foot, by walk
57. I admit it's been a hard things to do, but I finally _____ my way of thinking with yours.
a) reconciled b). acclimatized c) suited d) matched
58. This book is very difficult for children aged ten and I'm afraid you will have to _____ it
a) adjust b) fit c) adapt d) alter
59. Each and every one of the boys and girl present _____ well dressed.
a) was b) were c) are d) will
60. Choose the correct word needed to complete the following sentence
_____ I use your phone please? I have to speak to my friend.
a) Can b) May c) Might d) World

Part – B
(Two Mark Questions)

61. What is the correlation coefficient between x and y for the given data:

X:	78	89	97	69	59	79	68	57
Y:	125	137	156	112	107	138	123	108

- a) 0.96 b) 0.86 c) 0.70 d) 0.91

62. Three cities P, Q, R are equidistant from each other. A motorist travels from P to Q at 30 Km/hr, from Q to R 40km/hr, from R to P at 50km/ hr. What is his average speed of travel?

- a) 32.5 km/hr b) 40 km/hr c) 35 km/hr d) 38.3 km/hr

63. Let A and B be two events with $P(A) = \frac{1}{2}$, $P(B) = \frac{1}{3}$ and $P(A \cap B) = \frac{1}{4}$. What is $P(A/B)$?

- a) $\frac{4}{3}$ b) $\frac{3}{4}$ c) $\frac{2}{3}$ d) $\frac{1}{4}$

64. Let A and B be two events with $P(A) = \frac{1}{2}$, $P(B) = \frac{1}{3}$ and $P(A \cap B) = \frac{1}{4}$. What is $P(A \cup B)$?

- a) $\frac{3}{7}$ b) $\frac{4}{7}$ c) $\frac{7}{12}$ d) $\frac{9}{122}$

65. If the probability of a bad reaction from a certain injection is 0.001 then what is the chance that out of 2000 individuals more than two will get a bad injection?

- a) 0.32 b) 0.25 c) 0.28 d) 0.39

66. The mean height of 500 students is 151 cm and the standard deviation is 15 cm. Assuming that the heights are normally distributed, find how many student's height lie between 120 and 155 cms?

- a) 291 b) 292 c) 294 d) 296

67. The value of the given determinant is

$$\begin{vmatrix} 1 & 2 & 3 & 4 \\ 1 & 3 & 3 & 4 \\ 1 & 2 & 4 & 4 \\ 1 & 2 & 3 & 5 \end{vmatrix}$$

- a) 1 b) 0 c) 2 d) 3

68. A tower casts a shadow 100, long when the elevation of a source of light is at 45° . What is the height of the tower?

- a) $100\sqrt{3}$ m b) 100m c) 10 m d) $10\sqrt{3}$ m

69. From the top of a light house 360 m height, the angles of depression of the top and bottom of a tower are observed to be 30° and 60° respectively. What is the height of the tower?
 a) 200m b) 210m c) 190m d) 240m
70. The greatest angle of a triangle with sides 7, 5 and 3 is
 a) 60° b) 90° c) 120° d) 135°
71. For a triangle XYZ, if $X = \sqrt{2}$, $Y = 2$, $Z = \sqrt{3} - 1$ then $\angle X$ is
 a) 45° b) 60° c) 75° d) 30°
72. For the given equation $x^2 + y^2 - 4x + 6y - 12 = 0$, the centre of the circle is
 a) (-2,3) b) (-3,2) c) (3, -2) d) (2,-3)
73. The circumference of the circle $x^2 + y^2 + 2x + 6y - 12 = 0$, the centre of the circle is
 a) 2π b) 8π c) 3π d) none of the above
74. The locus of a point which moves in a plane such that its distance from a fixed point is equal to its distance from a fixed line is
 a) Parabola b) Hyperbola c) Ellipse d) Circle
75. In parabola $y^2 = 4kx$, if the length of Latus Rectum is 4 then k is
 a) $+1/2$ b) $-1/2$ c) 0 d) $+1/2$ or $-1/2$
76. A wire of length 20 cm is bent so as to form an arc of a circle of radius 12 cm. The angle subtended at the center is
 a) $3/5$ radians b) $5/3$ radians c) $1/3$ radians d) 5 radians
77. A circular metallic ring of radius 1 foot is reshaped into a circular arc of radius 80 ft. The area of the sector formed is
 a) 2π sq ft b) 4π sq ft c) 8π sq ft d) 6π sq ft
78. The point of intersection of lines (i) $x + 2y + 3 = 0$ and (ii) $3x + 4y + 7 = 0$ is
 a) (1,1) b) (1,-1) c) (-1,1) d) (-1,-1)
79. The acute angle between the lines (i) $2x - y + 13 = 0$ and (ii) $2x - 6y + 7 = 0$ is
 a) 0° b) 30° c) 45° d) 60°
80. If A, B, C, D are angles of a cyclic quadrilateral then $\cos A + \cos B + \cos C + \cos D$ is
 a) 1 b) 0 c) 2 d) 3

Wish You Best of Luck

ANNEXURE - 4
TENTATIVE LIST OF COLLEGES OFFERING MCA COURSE

S.No		College	Univ	Sanctioned Intake for 2007
BANGALORE UNIVERSITY				
1	1	Acharya Inst. of Mgmt. Sc., Bangalore	BU	60
2	2	Admn. Mgmt. College, Bangalore	BU	90
3	3	Al-Ameen College of Arts Sc. & Comm., Bangalore	BU	60
4	4	Alliance Business Academy, Bangalore	BU	60
5	5	Bangalore University Dept. Bangalore	BU	36
6	6	Brundavan College, Bangalore.	BU	40
7	7	C.M.R. Inst. of Mgmt St., Bangalore	BU	60
8	8	Christ College, Bangalore	BU	60
9	9	City College, Bangalore	BU	60
10	10	Dayananda College of Art Sc. & Comm., Bangalore	BU	60
11	11	East West College of Management, Bangalore	BU	32
12	12	Garden City College of Sc. & Mgmt. St., Bangalore	BU	40
13	13	Jothi Nivas College, Bangalore (Women College)	BU	45
14	14	KLE Nijailingappa College, Bangalore.	BU	40
15	15	Kristu Jayanti College of Mgmt. and Tech., B'lore.	BU	60
16	16	Mangala Inst. of Mgmt. Studies, Bangalore.	BU	40
17	17	Mount Carmel College, (Women College) B'lore.	BU	45
18	18	Oxford College of Business Mgmt. Bangalore	BU	120
19	19	Presidency College, Bangalore.	BU	30
20	20	Primer College of Science., Bangalore	BU	40
21	21	Sambhram Academy of Mgmt. St., Bangalore.	BU	60
22	22	Sita Devi Ratanchand Nahar Adarsh Nahar College, Bangalore	BU	30
23	23	Surana College, Bangalore	BU	60
24	24	T. John College, Bangalore	BU	60
Total				1288

GULBARGA UNIVERSITY				
25	1	Dept. of Computer Appl., Univ. Dept.,Gulbarga.	GU	45
26	2	Doddappa Appa Inst. for MCA ,Gulbarga	GU	30
Total				75
KUVEMPU UNIVERSITY				
27	1	Jnana Sahyadri Campus,Univ. Dept., Shankaraghatta.	KP	40
Total				40
KARNATAK UNIVERSITY				
28	1	Dept. of Computer Science, Karataka Uvin., Dharwad,	KU	60
Total				60
MANGALORE UNIVERSITY				
29	1	Department of Computer Science, Univ. Dept., Mangalore	MU	60
30	2	Srinivasa College of P.G. Mgmt. Studies, Mangalore	MU	60
31	3	St. Aloysius College, Mangalore	MU	90
Total				210
UNIVERSITY OF MYSORE				
32	1	DOS in C S, Manasagangotri,Univ. Dept., Mysore	UOM	23
33	2	SBRR Mahajana First Grade College(Pooja Bhagwat), Mysore	UOM	30
Total				53
VISVESVARAYA TECHNOLOGICAL UNIVERSITY				
34	1	Acharya Inst. of Tech., Bangalore	VTU	120
35	2	AMC College of Engg., Bangalore	VTU	90
36	3	Bangalore Inst. of Tech., Bangalore	VTU	60
37	4	Bapuji Inst. of Engg. & Tech., Davanagere	VTU	60
38	5	Basaveshwar Engg. College, Bagalkot	VTU	60
39	6	BLDEA's College of Engg. & Tech. Bijapur	VTU	30
40	7	BMS College of Engg., Bangalore	VTU	68

41	8	BMS Institute of Tech., Bangalore.	VTU	60
42	9	CMR Inst. of Tech., Bangalore	VTU	60
43	10	Dayananda Sagar College of Engineering, Bangalore	VTU	60
44	11	Dr. Ambedkar Inst. of Tech., Bangalore	VTU	60
45	12	JNN College Engineering, Shimoga	VTU	45
46	13	KLE's College of Engg. & Techn., Belgaum	VTU	30
47	14	KLE's BVB College of Engg. & Tech. Hubli	VTU	60
48	15	KLS Gogte Inst. of Tech., Belgaum	VTU	60
49	16	KVG College of Engineering, Sullia	VTU	45
50	17	M.S.Ramaiah Inst. of Tech., Bangalore	VTU	60
51	18	Malnad College of Engg., Hassan	VTU	45
52	19	MVJ College of Engg., Bangalore	VTU	60
53	20	National Inst. of Engg., Mysore	VTU	40
54	21	New Horizon College of Engg., Bangalore	VTU	90
55	22	Nitte Meenakshi Institute of Technology, B'lore	VTU	60
56	23	NMAM Inst. of Tech., Nitte	VTU	90
57	24	Oxford College of Engg., Bangalore	VTU	120
58	25	PES College of Engg., Mandya	VTU	45
59	26	PES Inst. of Tech. , Bangalore	VTU	120
60	27	PES School of Engineering, Bangalore	VTU	60
61	28	R.V. College of Engg., Bangalore.	VTU	60
62	29	RNS Inst. of Tech., Bangalore	VTU	60
63	30	SCT, Institute of Tech., Bangalore	VTU	60

64	31	Siddaganga Inst. of Tech., Tumkur	VTU	60
65	32	Sir M Visvesvaraya Inst. of Tech., Bangalore	VTU	60
66	33	SJC Inst. of Tech., Chickaballapur	VTU	60
67	34	Sreedevi Institute of Tech., Mangalore	VTU	60
68	35	Sri. Bhagwan Mahaveer Jain College of Engg., B'lore	VTU	60
69	36	Sri Jayachamarajendra College of Engg., Mysore	VTU	60
70	37	Sri Siddhartha Inst. of Tech., Tumkur	VTU	60
71	38	SVE's Rural Engg. College, Bhalki	VTU	30
72	39	Vidya Vikas Inst. of Tech., Mysore	VTU	30
73	40	VVV Sangha Rao, Bhadhaur Y Mahabaleshwappa Engg , Bellary	VTU	40
Total				2458
Grand Total				4184

ANNEXURE - 5**IMPORTANT CONTACT INFORMATION**

Telephone Numbers : 0831 –2498128
Fax Number : 0831 –2405467
E-mail ID : pgcet@vtu.ac.in
Website : www.vtu.ac.in; www.vtu.ac.in/pgcet ; <http://pgcet.vtu.ac.in>

ANNEXURE - 6**IMPORTANT DATES TO REMEMBER**

1. Last date for receipt of completed Applications **24-05-2008**
2. **Date of test (3rd Sunday of June)** **15-06-2008**
(2.00 PM to 4.00 PM)
3. Last date to submit all marks cards to University **05-07-2008**
(in case final year results are awaited)
4. Declaration of ranks **09-07-2008**
5. Seat selection Process (Tentative) **11-07-2008 onwards**
6. Commencement of I semester classes **04-08-2008**

~~~~~WISH YOU ALL THE BEST-~~~~~