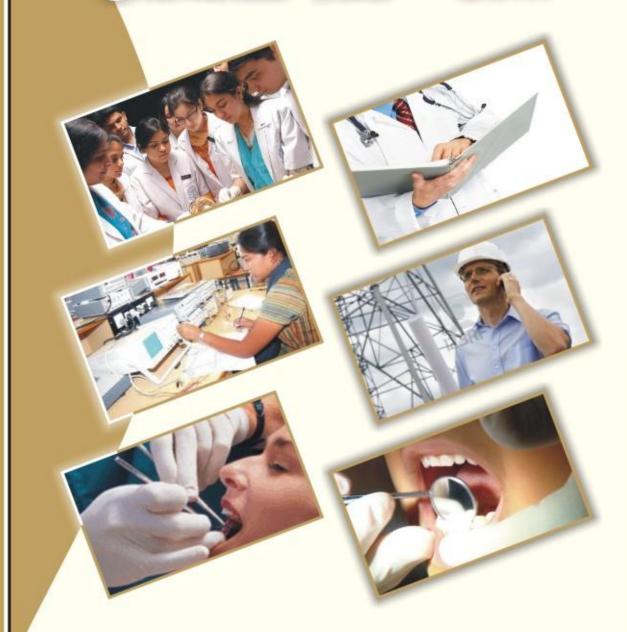


UGET-2011

Under Graduate

Entrance Test - 2011



Consortium Of Medical, Engineering and Dental colleges of Karnataka

132, Second Floor, 11th Main, 17th Cross, Malleswaram, Bangalore - 560 055. Karnataka.

Website: www.comedk.org

C O M E D K

U G E T 2 O

1

1





Table of Contents

SI. No.	Contents	Page No
1	COMEDK	4
2	Under-Graduate Medical, Dental and Engineering Courses	4
3	Eligibility Criteria	5
4	Member Institutions	6
4.1	Courses Offered in COMEDK Member Institutions	13
4.2	Seats offered by Member Institutions	14
4.3	Fee Structure	14
5	COMEDK Under-Graduate Entrance Test-2011	14
5.1	Instructions for filling the Online Application Form	15
5.2	Test Admission Tickets and Related Information	22
6	Test and Related Information	22
6.1	Test Scheme	23
6.2	Test Locations	23
6.3	Instructions for Test Takers	24
6.4	Instruction for Parent's / Guardian's	26
6.5	Grounds for Dismissal	26
6.6	Results Publishing	27
6.7	Test Scores Publishing	27
6.8	Final Merit/Rank List Publishing	28
7	Centralized Counseling (Single Window)	29
8	Biometric Registration	30
9	Assistance / Facilities to candidates	30
10	Legal Disputes	32
11	Frequently Asked Questions (FAQ'S)	32
12	Appendix-I (Format for seeking clarifications pertaining to Answer keys)	38
13	Appendix-II (Format for seeking clarifications pertaining to Test Scores)	39
14	Appendix-III (Residential / Domicile Certificate)	40
15	Appendix-IV (Proforma for Religious and Mother Tongue Certificate)	41
16	Appendix-V (Specimen copy of OMR Answer Sheet)	42





Calendar of Events

Date	Day	Event
19/03/2011	Saturday	Start date for Issue of Online Application for MBBS/BDS & B.E
19/04/2011	Tuesday	Last Date for Receipt of Completed Application Forms for MBBS/BDS & B.E
26/04/2011	Tuesday	Last Date for Dispatch of Test Admission Ticket
08/05/2011	Sunday	COMEDK UGET-2011 Test Day
08/05/2011	Sunday	Publishing of Answer Keys
13/05/2011	Friday	Last Date for receiving objection pertaining to Answer Keys
25/05/2011	Wednesday	Publishing of Test Scores
28/05/2011	Saturday	Last Date for receiving objection pertaining to Test Scores
07/06/2011	Tuesday	Publishing of Rank List
17/06/2011	Friday	Last Date for Dispatch of Rank Cards
	Only Centr	alized Counseling for B. Arch
21/05/2011	Saturday	Start Date for Issue of Online Application form for B. Arch
21/06/2011	Tuesday	Last Date for Receipt of Completed Application Forms for B. Arch



1. About COMEDK

The Karnataka Private Medical & Dental Colleges Association, and Karnataka Unaided Private Engineering Colleges Association in their endeavour to offer an effective, fair and objective testing procedure to determine merit of students seeking admissions to the Member Institutions, have formed "Consortium of Medical Engineering and Dental Colleges of Karnataka" COMEDK.

COMEDK has been assigned the task of organising a Common Entrance Test for the academic year 2011-2012, for candidates aspiring to pursue Under Graduate courses Medical, Dental and Engineering Colleges in the State of Karnataka, in member institutions of the Consortium (Medical, Dental and Engineering Colleges).

COMEDK entrance test & publication of test score and rank list will be followed by centralized counseling (Single window system). The details will be published in due course on our website, http://www.comedk.org.

The list of the Member Institutions who would be participating in the COMEDK testing program, along with the courses offered by them for the year 2011-2012, will be published on our website http://www.comedk.org in due course.

Applicants are advised to read this brochure thoroughly and familiarise themselves with the test procedures.

Note: COMEDK's website http://www.comedk.org contains information and current updates/alerts. This site is updated regularly. COMEDK suggests all applicants to visit it frequently for relevant information.

2. Under-Graduate Medical, Dental and Engineering Courses

Sl. No.	Course	Duration in Years	Internship in Years	Commencement of the Academic Year
1	M.B.B.S.	4.5	1	01 /00 /2011
2	B.D.S.	5	Not Applicable	01/08/2011
3	B.E.	4	Not Applicable	01 (00 (2011
4	B. Arch	5	Not Applicable	01/09/2011





3. Eligibility Criteria

MBBS / BDS:

General Merit Candidates should have passed the qualifying examination which is 2nd PUC or 10+2 higher secondary or equivalent examination, recognized by State / Central Government. The last two years of study shall comprise of Physics, Chemistry and Biology (PCB) with English as a compulsory subject. As per the Medical Council of India (MCI) and Dental Council of India (DCI) norms the candidates must have passed these subjects individually and must have obtained a minimum of 50% of marks taken together in PCB. Further must secure not less than 50% marks in PCB in the Common Entrance Test (COMEDK UGET-2011).

SC, ST candidates of All India and OBC Candidates of Karnataka should have passed the qualifying examination which is 2nd PUC or 10+2 higher secondary or equivalent examination, recognized by State / Central Government. The last two years of study shall comprise of Physics, Chemistry and Biology (PCB) with English as a compulsory subject. As per the Medical Council of India (MCI) and Dental Council of India (DCI) norms the candidates must have passed these subjects individually and must have obtained a minimum of 40% of marks taken together in PCB. Further must secure not less than 40% marks in PCB in the Common Entrance Test (COMEDK UGET-2011).

He/she shall complete the age of 17 years on or before 31st December (31/12/2011) of the year of admission to the MBBS/BDS course.

B.E:

General Merit Candidates, should have passed the qualifying examination which is 2nd PUC or 10+2 higher secondary or equivalent qualifying Examination recognized by State / Central Government with a minimum aggregate of 50% marks in Physics, Chemistry and Mathematics (PCM) and should have passed these subjects individually. Physics and Mathematics are compulsory subjects along with Chemistry or Biotechnology or Biology as one of the optional subjects. English as one of the language of study is compulsory. There is no minimum marks fixed for entrance test. Hence all candidates who have taken the entrance test will find a place in the merit list as per their performance.

SC, ST candidates of All India and OBC candidates of Karnataka the aggregate marks in PCM should not be less than 45% in the qualifying examination as mentioned above. All other details remain the same.





B. Arch:

A candidate who has passed the qualifying examination (2nd PUC or 10+2 higher secondary or equivalent examination) with Mathematics as one of the subjects along with other subjects or a 10+3 Diploma recognized by Central / State Government and having obtained at least 50% marks in aggregate (45% marks in case of SC, ST Candidates of All India and OBC Candidates of Karnataka). Further the candidate should have appeared for National Aptitude Test in Architecture (NATA) conducted by Council of Architecture with a minimum score of 80 out of 200 for both general merit and category candidates.

COMEDK **will not** be conducting any Common Entrance Test for candidates seeking admission to B.Arch (Architecture Course) as per existing rules.

4. About Member Institutions

Unaided, private Medical, Dental and Engineering colleges which are members of COMEDK, across the State of Karnataka, offer various courses in Medical, Dental or Engineering studies at Under-Graduate level. The courses offered at the Under-Graduate level include MBBS, BDS or B.E programs. Colleges have indicated their willingness to make admission to their Under Graduate courses based on merit in the Common Entrance Test organized by COMEDK (COMEDK UGET-2011).

Note:

- Minority status applicable to candidates for admission to respective minority status colleges.
- ➤ Declaration once made in the application with regard to the category status like SC / ST / OBC and Minority etc., will not be changed subsequently either prior to test or counseling. Hence candidates are cautioned to fill in with great care about the category status.



Details of Member Institutions

List of COMEDK Member Institutions (Medical) stream

(The following information is as per the data furnished by institutions during UGET-2010, Changes will be updated in the website as and when from time to time.)

Sl. No.	College Name	Place
1	Adichunchangiri Institute of Medical Science	B.G. Nagara
2	Basaveshwara Medical College & Hospital	Chitradurga
3	BVV Sangha's S. Nijalingappa Medical College and HSK Hospital and Research Centre	Bagalkot
4	H K E Society's M R Medical College	Gulbarga
5	J J M Medical College	Davanagere
6	K V G Medical College	Sullia
7	Kempegowda Institute of Medical Sciences	Bangalore
8	M S Ramaiah Medical College	Bangalore
9	S.S. Institute of Medical Sciences & Research Centre	Davangere
10	Father Muller Medical College (Christian Minority)	Mangalore
11	[SDM College of Medical Sciences & Hospital] Sri Dharmasthala Manjunatheswara College of Medical Sciences & Hospital (Tulu Minority)	Dharwad

Candidates are advised to visit the COMEDK website as often as possible.

List of COMEDK Member Institutions (Dental) stream

(The following information is as per the data furnished by institutions during UGET-2010, Changes will be updated in the website as and when from time to time.)

Sl. No.	College Name	Place
1	A M E 's Dental College & Hospital	Raichur
2	Bapuji Dental College & Hospital	Davanagere
3	College of Dental Sciences	Davanagere
4	D A Pandu Memorial R V Dental College	Bangalore
5	Dayananda Sagar College of Dental Sciences	Bangalore
6	Dr. Syamala Reddy Dental College	Bangalore
7	H K E 's S. Nijalingappa Institute of Dental Sciences & Research	Gulbarga
8	HKDET's Dental College Hospital & Research Institute	Bidar
9	K G F College of Dental Sciences	KGF
10	K.L.E. Society's Institute of Dental Sciences	Bangalore
11	K V G Dental College & Hospital	Sullia
12	Krishnadevaraya College of Dental Sciences	Bangalore



13	M. R. Ambedkar Dental College & Hospital	Bangalore
14	M S Ramaiah Dental College	Bangalore
15	Maratha Mandal's Nathajirao G. Halgekar Institute of Dental Sciences & Research Centre	Belgaum
16	S B Patil Dental College & Hospital	Bidar
17	Sharavathi Dental College	Shimoga
18	Shri B V V Sangha's P M Nadagowda Memorial Dental College & Hospital	Bagalkot
19	Sree Jagadguru Jayadeva Murugharajendra Dental College & Hospital (S.J.M. Dental College & Hospital)	Chitradurga
20	Sri Hasanamba Dental College & Hospital	Hassan
21	Sri Rajiv Gandhi College of Dental Sciences	Bangalore
22	Sri Venkateshwara Dental College	Bangalore
23	Vokkaligara Sangha Dental College & Hospital	Bangalore
24	A E C S Maaruti College of Dental Sciences & Research Centre (Telugu Minority)	Bangalore
25	Sri Dharmasthala Manjunatheswara College of Dental Sciences & Hospital (Tulu Minority)	Sattur-Dharwad

Candidates are advised to visit the COMEDK website as often as possible.

List of COMEDK Member Institutions (Engineering) stream

(The following information is as per the data furnished by institutions during UGET-2010, Changes will be updated in the website as and when from time to time.)

Sl. No.	College Name	Place
1	A M C Engineering College	Bangalore
2	A.P.S College of Engineering	Bangalore
3	Acharya Institute of Technology	Bangalore
4	Adichunchanagiri Institute of Technology	Chickmagalur
5	Alpha College of Engineering	Bangalore
6	Alva's Institute of Engineering & Technology	Mijar-Moodbidri
7	Amruta Institute of Engineering & Management Sciences	Bangalore
8	Angadi Institute of Technology and Management	Belgaum
9	Appa Institute of Engineering & Technology	Gulbarga
10	Atria Institute of Technology	Bangalore
11	Auden Technology and Management Academy(ATMA)	Bangalore
12	B M S College of Engineering	Bangalore
13	B M S Institute of Technology	Bangalore
14	B. L.D.E. A's V.P. Dr. P G Halakatti College of Engineering & Tech.	Bijapur
15	B.G.S. Institute of Technology	B G Nagar



16	B.N.M. Institute of Technology	Bangalore
17	B.T.L. Institute of Technology & Management	Bangalore
18	Ballari Institute of Technology & Management (Bellary Engineering College)	Bellary
19	Bangalore College of Engineering & Technology	Bangalore
20	Bangalore Institute of Technology	Bangalore
21	Bapuji Institute of Engineering & Technology	Davanagere
22	Basava Academy of Engineering	Bangalore
23	Basavakalyan Engineering College	Basavakalyan- Bidar
24	Basaveshwar Engineering College	Bagalkot
25	Bearys Institute of Technology	Mangalore
26	Brindavan College of Engineering	Bangalore
27	C M R Institute of Technology	Bangalore
28	Cambridge Institute of Technology	Bangalore
29	Canara Engineering College (Konkani Minority)	Bantwal Taluk
30	Channabasaveshwara Institute of Technology	Tumkur
31	City Engineering College	Bangalore
32	Coorg Institute of Technology	South Kodagu
33	Dayananda Sagar College of Engineering	Bangalore
34	Don Bosco Institute of Technology	Bangalore
35	Dr. Ambedkar Institute of Technology	Bangalore
36	Dr. M.V. Shetty Institute of Technology (MVSIT)	Mangalore
37	Dr. Sri Sri Sri Shivakumara Mahaswamy College of Engineering (Formerly known as Smt. Sri Chennamma Devegowda College of Engineering)	Bangalore Rural
38	Dr. T. Thimmaiah Institute of Technology	K.G.F.
39	East Point College of Engineering & Technology	Bangalore
40	East Point College of Engineering For Women	Bangalore
41	East West Institute of Technology	Bangalore
42	G M Institute of Technology	Davangere
43	G.S.S.S. Institute of Engineering & Technology for Women	Mysore
44	Global Academy of Technology	Bangalore
45	GSS Institute of Technology	Bangalore
46	H K E Society's P D A College of Engineering	Gulbarga
47	H K E Society's S. L. N. College of Engineering	Raichur
48	Impact College of Engineering & Applied Sciences	Bangalore
49	J.S.S. Academy of Technical Education	Bangalore



50	Jawaharlal Nehru National College of Engineering (J. N. N.)	Shimoga
51	Jnana Vikas Institute of Technology	Bangalore
52	JSS Academy of Technical Education	Mauritius
53	K L E Society's College of Engineering & Technology	Udyambag - Belgaum
54	K N S Institute of Technology	Bangalore
55	K. S. Institute of Technology	Bangalore
56	K. V. G. College of Engineering	Sullia
57	K.L.E Society's K. L.E Institute of Technology	Hubli
58	K.L.E.'s B V Bhoomaraddi College of Engineering & Technology	Hubli
59	Kalpataru Institute of Technology	Tiptur
60	Karavali Institute of Technology	Mangalore
61	Karnatak Law Society's Vishwanathrao Deshpande Rural Institute of Technology	Haliyal
62	KLE Society's K. L. E College of Engineering and Technology	Chikodi-Belgaum
63	KLS Gogte Institute of Technology	Belgaum
64	M. S. Engineering College	Bangalore
65	M. S. Ramaiah Institute of Technology	Bangalore
66	Maharaja Institute of Technology - Mysore	Mandya
67	Malnad College of Engineering	Hassan
68	Mangalore Institute of Technology & Engineering	Moodbidri - Mangalore
68 69	Mangalore Institute of Technology & Engineering Maratha Mandal's Engineering College	
		Mangalore
69	Maratha Mandal's Engineering College	Mangalore Belgaum Moodlakatte-
69 70	Maratha Mandal's Engineering College Moodlakatte Institute of Technology	Mangalore Belgaum Moodlakatte- Udupi
69 70 71	Maratha Mandal's Engineering College Moodlakatte Institute of Technology Nadgir Institute of Engineering & Technology	Mangalore Belgaum Moodlakatte- Udupi Bangalore
69 70 71 72	Maratha Mandal's Engineering College Moodlakatte Institute of Technology Nadgir Institute of Engineering & Technology Nagarjuna College of Engineering & Technology	Mangalore Belgaum Moodlakatte- Udupi Bangalore Bangalore
69 70 71 72 73	Maratha Mandal's Engineering College Moodlakatte Institute of Technology Nadgir Institute of Engineering & Technology Nagarjuna College of Engineering & Technology NIE Institute of Technology	Mangalore Belgaum Moodlakatte- Udupi Bangalore Bangalore Mysore
69 70 71 72 73 74	Maratha Mandal's Engineering College Moodlakatte Institute of Technology Nadgir Institute of Engineering & Technology Nagarjuna College of Engineering & Technology NIE Institute of Technology Nitte Meenakshi Institute of Technology	Mangalore Belgaum Moodlakatte- Udupi Bangalore Bangalore Mysore Bangalore
69 70 71 72 73 74 75	Maratha Mandal's Engineering College Moodlakatte Institute of Technology Nadgir Institute of Engineering & Technology Nagarjuna College of Engineering & Technology NIE Institute of Technology Nitte Meenakshi Institute of Technology Nmam Institute of Technology	Mangalore Belgaum Moodlakatte- Udupi Bangalore Bangalore Mysore Bangalore Nitte
69 70 71 72 73 74 75 76	Maratha Mandal's Engineering College Moodlakatte Institute of Technology Nadgir Institute of Engineering & Technology Nagarjuna College of Engineering & Technology NIE Institute of Technology Nitte Meenakshi Institute of Technology Nmam Institute of Technology P E S Institute of Technology	Mangalore Belgaum Moodlakatte- Udupi Bangalore Bangalore Mysore Bangalore Nitte Bangalore
69 70 71 72 73 74 75 76	Maratha Mandal's Engineering College Moodlakatte Institute of Technology Nadgir Institute of Engineering & Technology Nagarjuna College of Engineering & Technology NIE Institute of Technology Nitte Meenakshi Institute of Technology Nmam Institute of Technology P E S Institute of Technology P E S Institute of Technology and Management	Mangalore Belgaum Moodlakatte- Udupi Bangalore Bangalore Mysore Bangalore Nitte Bangalore Shivamogga
69 70 71 72 73 74 75 76 77	Maratha Mandal's Engineering College Moodlakatte Institute of Technology Nadgir Institute of Engineering & Technology Nagarjuna College of Engineering & Technology NIE Institute of Technology Nitte Meenakshi Institute of Technology Nmam Institute of Technology P E S Institute of Technology P E S Institute of Technology and Management P E S School of Engineering	Mangalore Belgaum Moodlakatte- Udupi Bangalore Bangalore Mysore Bangalore Nitte Bangalore Shivamogga Bangalore
69 70 71 72 73 74 75 76 77 78	Maratha Mandal's Engineering College Moodlakatte Institute of Technology Nadgir Institute of Engineering & Technology Nagarjuna College of Engineering & Technology NIE Institute of Technology Nitte Meenakshi Institute of Technology Nmam Institute of Technology P E S Institute of Technology P E S Institute of Technology and Management P E S School of Engineering P. E. S. College of Engineering	Mangalore Belgaum Moodlakatte- Udupi Bangalore Bangalore Mysore Bangalore Nitte Bangalore Shivamogga Bangalore Mandya
69 70 71 72 73 74 75 76 77 78 79 80	Maratha Mandal's Engineering College Moodlakatte Institute of Technology Nadgir Institute of Engineering & Technology Nagarjuna College of Engineering & Technology NIE Institute of Technology Nitte Meenakshi Institute of Technology Nmam Institute of Technology P E S Institute of Technology P E S Institute of Technology and Management P E S School of Engineering P. E. S. College of Engineering P.N.S Women's Institute of Technology	Mangalore Belgaum Moodlakatte- Udupi Bangalore Bangalore Mysore Bangalore Nitte Bangalore Shivamogga Bangalore Mandya Bangalore



84	R R Institute of Technology	Bangalore
85	R. V. College of Engineering	Bangalore
86	R.T.E. Society's Rural Engineering College	Hulkoti
87	Rajeev Instittute of Technology	Hassan
88	Rajiv Gandhi Institute of Technology	Bangalore
89	Rao Bahadur Y Mahabaleswarappa Engineering College	Bellary
90	Reva Institute of Technology and Management	Bangalore
91	RNS Institute of Technology	Bangalore
92	Rural Engineering College	Bhalki-Bidar
93	S C T Institute of Technology	Bangalore
94	S J B Institute of Technology	Bangalore South
95	S. J. C. Institute of Technology	Chickaballapur
96	S.E.A. College of Engineering & Technology	Bangalore
97	S.G. Balekundri Institute of Technology	Belgaum
98	S.J.P.N. Trust's Hirasugar Institute of Technology	Nidasoshi
99	Sahyadri College of Engineering & Management (Formerly known as Sahyadri Institute of Technology)	Mangalore
100	Sai Vidya Institute of Technology	Bangalore
101	Sambhram Institute of Technology	Bangalore
102	Sapthagiri College of Engineering	Bangalore
103	SDM Institute of Technology, Ujire (Tulu Minority)	Ujire
104	SECAB Institute of Engineering & Technology	Bijapur
105	Shaikh College of Engineering & Technology	Belgaum
106	Shirdi Sai Engineering College	Bangalore
107	Shree Devi Institute of Technology	Mangalore
108	Shri Dharmasthala Manjunatheshwara College of Engineering & Technology (Tulu Minority)	Dharwad
109	Shridevi Institute of Engineering & Technology	Tumkur
110	Siddaganga Institute of Technology	Tumkur
111	Sri Taralabalu Jagadguru Institute of Technology (STJIT)	Ranibennur
112	Sir. M. Visvesvaraya Institute of Technology	Bangalore
113	SJM Institute of Technology	Chitradurga
114	Smt. Kamala & Shri Venkappa M Agadi College of Engineering & Technology	Laxmeshwar- Gadag
115	Sri Basaveshwara Institute of Technology	Tiptur
115 116	Sri Basaveshwara Institute of Technology Sri Belimatha Mahasamsthana Institute of Technology	Tiptur Bangalore Rural





118	Sri Jayachamarajendra College of Engineering	Mysore
119	Sri Krishna Institute of Technology	Bangalore
120	Sri Krishna School of Engineering And Management	Bangalore (east)
121	Sri Revana Siddeshwara Institute of Technology	Bangalore
122	Sri Siddhartha Institute of Technology	Tumkur
123	Sri Venkateshwara College of Engineering	Bangalore
124	Srinivas Institute of Technology	Mangalore
125	St. Joseph Engineering College (Christian Minority)	Mangalore
126	T. John Institute of Technology	Bangalore
127	The National Institute of Engineering	Mysore
128	Tontadarya College of Engineering	Gadag
129	Vemana Institute of Technology	Bangalore
130	Vidya Vikas Institute of Engineering & Technology	Mysore
131	Vidyavardhaka College of Engineering	Mysore
132	Vijaya Vittala Institute of Technology	Bangalore
133	Vivekananda College of Engineering & Technology	Puttur
134	Vivekananda Institute of Technology	Bangalore
135	Yagachi Institute of Technology	Hassan
136	Yellamma Dasappa Institute of Technology	Bangalore
137	C. Byregowda Institute of Technology	Kolar
138	Srinivas School of Engineering	Mangalore
139	ACS College of Engineering (A Unit Of Rajarajeswari Group of Institutions)	Bangalore
140	Rajarajeswari College of Engineering	Bangalore
141	Jain College of Engineering	Belgaum
142	K.S. Group of Institutions	Bangalore
143	Ekalavya Institute of Technology	Chamarajanagar- Ummathur
144	Veerappa Nisty Engineering College	Yadgir
145	Godutai Engineering College for Women	Gulbarga
146	Bangalore Technological Institute	Bangalore
147	Sampoorna Group of Institutions	Bangalore Rural
148	Gopalan College of Engineering And Management	Bangalore

Candidates are advised to visit the COMEDK website as often as possible.





**List of COMEDK Member Institutions (Architecture) stream

(The following information is as per the data furnished by institutions during UGET-2010, Changes will be updated in the website as and when from time to time.)

Sl. No.	College Name	Place
1	B M S College of Engineering	Bangalore
2	B.L.D.E. A's V.P. Dr. P G Halakatti College of Engineering & Tech.	Bijapur
3	Dayananda Sagar College of Engineering	Bangalore
4	H K E Society's P D A College of Engineering	Gulbarga
5	K.L.E.'s B V Bhoomaraddi College of Engineering & Technology	Hubli
6	KLS Gogte Institute of Technology	Belgaum
7	M. S. Ramaiah Institute of Technology	Bangalore
8	R. V. College of Engineering	Bangalore
9	Siddaganga Institute of Technology	Tumkur
10	Acharya's NRV School of Architecture	Bangalore
11	BMS Institute of Technology	Bangalore

^{**} For centralized counseling only

4.1. Courses Offered in COMEDK Member Institutions

Courses Mentioned below are offered at the Member Institutions.

✗ M.B.B.S

✗ B.D.S

✗ B.E

× B. Arch

Branches offered for B.E in various Engineering Colleges

Branch Code	Branch Name	Branch Code	Branch Name
BC01	Aeronautical Engineering	BC13	Electronics & Communications
BC02	Aerospace Engineering	BC14	Environmental Engineering
BC03	Automation & Robotics Engineering	BC15	Industrial Engineering and Management
BC04	Automobiles	BC16	Industrial Engineering and Production
BC05	Bio-Medical	BC17	Information Science
BC06	Biotechnology	BC18	Instrumentation Technology
BC07	Cement & Ceramic Technology	BC19	Mechanical Engineering
BC08	Chemical Engineering	BC20	Mechatronics Engineering
BC09	Civil Engineering	BC21	Medical Electronics
BC10	Computer Science	BC22	Mining Engineering
BC11	Construction Tech & Management	BC23	Telecommunication
BC12	Electrical & Electronics		

If any new courses are approved to the Member Institutions the same will be notified in the website.





4.2 Seats offered by Member Institutions:

Percentage of seat offered through COMEDK will be notified later. The candidates are required to check the COMEDK website www.comedk.org for regular updates.

4.3 Fee Structure

The Fee Structure will be notified later. The candidates are required to check the COMEDK website www.comedk.org for regular updates.

5. COMEDK Under-Graduate Entrance Test - 2011 (COMEDK UGET-2011)

COMEDK will conduct a separate entrance test for Medical/Dental and Engineering Under-Graduate courses called 'COMEDK UGET-2011', for candidates seeking admission to Under Graduate courses in MBBS, BDS and B.E. The entrance test is being conducted for merit determination for use by COMEDK Member Institutions only. The COMEDK entrance test is mandatory for candidates seeking admissions for the Under-Graduate courses in COMEDK Member Institutions. The COMEDK UGET-2011 test scores are valid only for admissions during the academic year 2011-2012.

The COMEDK UGET-2011 will be conducted across the State of Karnataka on Sunday the 08th May 2011.

Note: Candidates please note the Demand Draft being collected along with the online application form is towards meeting the expenses for conduct of the test, counseling and other incidental expenses.

Date	Subject	Timings
	Physics and Chemistry	10.00 am to 12.00 noon
08 th May 2011	Mathematics	2.00 pm to 3.00 pm
	Biology	3.30 pm to 4.30 pm





5.1. Instructions for filling the Online Application Form

A separate link in the website is provided to assist the candidates in filling the Online Application form.

Candidates are advised to go through the instructions carefully before filling up the application form.

General Instructions to the Candidates

Please ensure that you have the following documents ready at hand before you start filling up the Online Application Form

Note: Send the Application in A4 size envelope only. Do not fold the application form.

- Demand Draft drawn in favour of "COMEDK" (check for the correct spelling), payable at Bangalore (DD must be payable at Bangalore only) for Rs.800/- for 3 subjects (PCM or PCB) for MBBS/BDS or B.E and Rs.1000/- for 4 subjects (PCMB) for MBBS/BDS and B.E.
- X Check for the banker's signature on the Demand Draft before sending to COMEDK.
- ➤ Look to the sample filled in online application before you start filling your online application.
- **X** Ensure that the online application form is filled up properly and completely.
- * After you have filled in your online application form, click on the "**Preview**" button. This will enable you to check all the entries made by you and to correct, if necessary.
- X Once you are satisfied about all the entries, click on the "**submit**" button.
- X The server will assign you an **application number**, and provide the facility to view/print your online application form with the details you have filled, along with the application number.
- Only after verifying the details take a printout of the Online Application Form and Online Date of Birth Certificate / Identity proof (COMEDK and Candidate Copy)
- **X** Kindly do not send any original documents along with the application form.
- X Kindly stick your recent (not older than six months) passport size colour photograph only in the space provided (all the photos must be identical). Application Form with smudged / tampered / hazy photograph or photograph older than 6 months will be rejected.



- ➤ Photographic mismatch would result in debarring the candidates writing COMEDK UGET-2011.
- Do not staple or pin the photograph on the application form or Date of Birth certificate. Do not Sign and no attestation is required on the photograph.
- Please adhere to the time schedule enlisted in the calendar of events.
- Incomplete / incorrect applications are liable to be rejected without prior information to the candidate.
- Multiple application form received from the same candidate will result in confusion and may result in disqualification.
- ➤ Demand Drafts in excess of the prescribed fee (Rs.800/- or Rs. 1000/-) if sent by the candidate will not be refunded.
- Non refundable fee for taking COMEDK UGET-2011 and attending centralized counseling if eligible is Rs. 800/- or Rs. 1000/-.
- ✗ COMEDK is not responsible for any error the candidate makes while filling up the Application Form.
- COMEDK will not entertain any changes in the application form and no refund will be made.
- Candidates who are listed in the Red List featured on our website need to contact COMEDK Help desk (080-41132810) for clarifications.
- COMEDK is not responsible for any loss / delay / damage which might occur during Postal or Courier delivery.
- Any application received after the last date mentioned in the calendar of events will be rejected.
- Completed application forms are not received in person either in COMEDK office or any member institution.
- X Candidates who send Rs.1000/- DD for the Entrance Test but have marked or opted for only 3 subjects (PCM/PCB) would be allowed only for the same 3 subjects as indicated.



Please send the following along with the completed Application Form:

Demand Draft drawn in favour of "COMEDK" (check for the correct spelling), payable at Bangalore (DD must be payable at Bangalore only) for Rs.800/- (Eight Hundred Only) for 3 subjects (PCM or PCB) for MBBS/BDS or B.E and Rs.1000/- (One Thousand Only) for 4 subjects (PCMB) for MBBS/BDS and B.E.

Application number, applicant's name & contact Number to be written at the back of the Demand Draft. Check for the banker's signature on the Demand Draft.

Printed Online Application Form.

The completed application form must have

- Candidate's photo should be pasted (within the box provided)
- Candidate's signature (within the box provided)
- o Left forefinger impression of the candidate (within the space provided)
- o Candidate's parent/guardian's signature (within the box provided)

Printed Online Date of Birth Certificate / Identity Proof (COMEDK copy).

The completed Date of Birth Certificate / Identity Proof must have

- Attestation (within the space provided) by the Head of the Institution where he/she last studied or Gazetted officer not below the rank of Tahsildar of the area in which he/she is a resident.
- o Candidate's photo should be pasted (within the box provided)
- Candidate's signature (within the box provided)
- × 10th Standard Marks Card.

<u>Candidates belonging to SC / ST of All India and OBC of Karnataka would be considered, provided they furnish the Photocopy of the following Certificates:</u>

- **SC / ST :** Caste Certificate issued by competent authority (Authorised to issue such a certificate but not below the rank of a Tahsildar)
- ➤ **OBC:** Category I, IIA, IIB, IIIA and IIIB: As notified by the Karnataka Govt. Caste and Income Certificate issued by Tahsildar or higher revenue jurisdictional authority authorised to issue such a certificate.
- ➤ MINORITY: Religious (Christian) of All India / Linguistic (Tulu/Telugu/Konkani) of Karnataka minority candidates to produce certificate as per Appendix –IV of Brochure (available on www.comedk.org)

Candidates who have not produced appropriate supporting documents for claiming the status of Religious / Linguistic Minority / SC / ST / OBC are liable to be considered as General Merit Candidates.

Note: Avoid stapling of Demand Draft to the application form. Instead use clips.





Note: The recent passport size photographs to be provided have to be identical. It should not be more than 6 months old. Application with smudged/tampered or hazy photograph will not be accepted. Any application received not adhering to these specifications will be rejected without any clarifications and no refund will be made. The decision of the COMEDK Committee on this would be final and binding.

The completed Application Form has to reach the COMEDK office by **Speed Post or Courier** on or before **Tuesday the 19**th **April 2011** to the following Address.

The Executive Secretary - COMEDK,

132, Second Floor, 11th Main, 17th Cross, Malleswaram, Bangalore-560 055, Karnataka.

Explanation of the fields that needs to be filled up in the application form

1. Applicant Name

Enter your full Name (as it appears in your 10th STD Marks Card), your name should not exceed 30 characters including the blank spaces.

2. Date of Birth

Provide your date of birth in **DD/MM/YYYY** format only.

For e.g.: If your date of birth is 3rd September 1990, fill as 03/09/1990.

3. Test Location Choice

Please select the city/town of your choice, where you wish to take up your entrance examination.

For e.g.: If you wish to take up the exam in **Bangalore**, select **Bangalore** from the list of test centers.

4. Course applying for

For e.g.: If you intend to apply for MBBS/BDS, select MBBS/BDS, If you intend to apply for B.E, select B.E, if you intend to apply for both then select 'Both'.

5. Gender

Select the appropriate option.

6. Nationality

Select your nationality.





7. Belongs to

Select the type of Domicile Karnataka / Non-Karnataka.

By Birth/Domicile

If Karnataka, Select type of Domicile i.e. By Birth / By Domicile.

If you do not fall into the above two categories please select Non-Karnataka.

8. Category

Select the Category you belong to GM / SC / ST (Applicable to all India candidate/s) and OBC (Applicable to Karnataka origin candidate/s only)

If OBC

If OBC, Select CAT 1, CAT 2A, CAT 2B, CAT 3A, and CAT 3B. (Applicable to Karnataka origin candidate/s only as per Government of Karnataka (GOK) rules.)

Minority Status:

For Karnataka (By Birth / Domicile) Candidates

Select "Yes" to claim the Minority status Religious (Christian) or Linguistic (Telugu / Tulu / Konkani) or else select "No".

For Non-Karnataka Candidates

Select "Yes" to claim the Christian Religious status or else select "No".

Linguistic Minority:

Select **Tulu / Telugu / Konkani** to seek admission in the institution who has declared themselves as Linguistic Minority. (Applicable to Karnataka Candidates only)

Religious Minority:

Candidates who are Christian by religion have to select **Christian** to seek admission in the institution who has declared themselves as Religious Minority. (Applicable to all India Candidates)

Note: Declaration once made in the application with regard to the category status like SC / ST / OBC, Minority etc., will not be changed subsequently either prior to test or counseling. Hence candidates are cautioned to fill in with great care about the category status.





9. Parents Annual Income

Parents Annual Income should be specified.

10. Address

Provide your address for communication. Kindly note that all formal communications from COMEDK will be sent to you at this address only. Please use blank spaces to separate words.

Kindly avoid Roman letters in your address. Do not mention your City, State and Pincode in the address field.

11. City

Select the city from the list. If you are from any other city that is not listed in the table, select "Others" in the list and fill in your city name in the space provided (The city mentioned has to be same for the address mentioned in the address column).

12. State

Select the State from the list (The State mentioned has to be same for the address mentioned in the address column).

13. PIN Code

Enter the appropriate 6-digit PIN code.

14. Phone No.

Enter your Phone number with the relevant STD Code, use zero prefixed to the STD code and do not leave any blank spaces between the STD code and your telephone number.

For e.g.: If your STD code is 080 and your telephone number is 12345678, then your full telephone number will be 08012345678.

15. Mobile No.

Enter your Mobile number.

Note: Any one of the contact detail is mandatory.

16. Email-ID

Enter your Email ID.

17. Parent's / Guardian's Name

Enter your Parent's / Guardian's name.





18. Payment Details

DD No.: Enter the six-digit DD number.

DD Date: Select the DD Date in DD/MM/YYYY Format Only.

Drawee Bank: Select the drawee bank from the list. If any other bank that is not listed in the table, select "Others" in the list and fill in your bank name in the space provided.

19. Name of the Institution Last Studied

Enter the name of the Institution you have last studied in the space provided (2nd PUC or 10+2).

20. Place of the Institution

Enter the Place of the Institution last Studied in the space provided.

21. Year of passing

Select the year of passing (2nd PUC or 10+2).

Declaration

The candidate and the candidate's parent / guardian must both sign the declaration in the spaces provided for the same in the application form. The Date and Place must also be filled up in the application form. After the submission of the online application form, the candidate should take a print of his/her Online Date of Birth Certificate/Identity Proof (COMEDK Copy and Candidate Copy) made available on the website, have it attested from the Head of the Institution, where the candidate has last studied, or Gazetted officer not below the rank of Tahsildar of the area in which the candidate is a resident and submit the COMEDK Copy along with the printout of the online application form, the DD and all other enclosures.

Any application form without the signature and left forefinger impressions of the candidate and signature of the parent/guardian is liable to be rejected, without further correspondence.

Note:

Status of all Applications received will be available on COMEDK website http://www.comedk.org. Candidates are advised to check position regarding status of their applications on the website through Applicant Login by providing their Application No. and Date of Birth. If a candidate's application status is not available on the website, the candidate may contact COMEDK Help Desk Phone No. 080-41132810 for clarifications.





5.2. Test Admission Tickets and Related Information

Candidates appearing for COMEDK UGET-2011 will be issued a Test Admission Ticket (TAT) for identification. Candidates are required to bring the Test Admission Ticket and the original (Candidate Copy) Date of Birth Certificate / Identity Proof duly attested by the Head of the Institution last studied or Gazetted officer not below the rank of Tahsildar of the area in which he/she is a resident, which is similar to the copy submitted (COMEDK Copy) along with the application form. This is mandatory.

The Test Admission Ticket gives the details of test centre assigned to the candidate. The candidates are assigned a test centre decided by the COMEDK authority during the application processing, itself *and no requests for change in Test centre would be considered*.

The **Test Admission Tickets** would be dispatched to the candidates by speed post at the address mentioned in their application form as and when the applications are processed. However all **Test Admission Ticket** will be dispatched by **26/04/2011**.

Candidates who do not receive the Test Admission Ticket must check the COMEDK web site on or before 02/05/2011, and then contact COMEDK helpdesk or send email to have the details of the Test Admission Ticket.

COMEDK is not responsible for any loss in transit or for incorrect address given by the candidate in the Application Form. However, provision has been made for issue of a Duplicate TAT at the Test Centre for such of the candidates who might not have received the TAT sent by speed post. Effort to collect Duplicate Test Admission Ticket (TAT) from the Test Centre is the sole responsibility of the candidate.

Candidates must not mutilate the TAT or change any entry made therein.

Candidates are advised to preserve their TAT in good condition till admission in the College is over.

Please recheck the website for any changes / updates before leaving your hometown for the test.

Change of address, if any, during the process of COMEDK UGET-2011 must be intimated through post / courier / Email / Fax and so as to reach COMEDK office not later than 28/05/2011, the responsibility for the same rests solely with the applicants.

6. Test and Related Information

The Entrance Test COMEDK UGET-2011 is mandatory for all candidates seeking admissions to MBBS/BDS/B.E courses in Member Institutions of COMEDK. A merit / rank list is generated based on the candidate's scores in entrance test.





6.1. Test Scheme

COMEDK UGET-2011 will have the following papers:

- ➤ {Combined paper for Physics and Chemistry} Compulsory for all the candidates appearing for COMEDK UGET-2011.
- **Mathematics** Compulsory for the candidates aspiring for **B.E.**
- **Biology** Compulsory for the candidates aspiring for **MBBS/BDS**.
- A single test combining Physics and Chemistry subjects will be held on Sunday the **08/05/2011** in the **Forenoon Session (10.00 AM to 12.00 Noon)**. There will be a total of 120 questions: 60 questions in Physics and 60 questions in Chemistry. The test duration for combined paper is 120 minutes, and is compulsory for all candidates seeking admissions to M.B.B.S., BDS and B.E courses.
- Mathematics and Biology tests will be held on the same day 08/05/2011 in the Afternoon Session separately, with each subject having 60 questions with duration of 60 minutes. Candidates are free to choose any one or both the subjects. Mathematics Test will be conducted from (2.00 PM to 3.00 PM) followed by Biology test from (3.30 PM to 4.30 PM).
- X Candidates are required to mark their answers on an OMR sheet (Optical Mark Reader).
- **×** Each correct answer is awarded one mark.
- No Mark/s will be awarded for multiple marking (marking multiple responses) of any question.
- X There will be no negative marking.
- However, in the event of a tie in the score the principle of least negative responses (Number wrong answers) will be adopted. In addition, if required, other methods may be adapted to break ties vide 6.8.

6.2. Test Locations

The COMEDK Entrance Test, COMEDK UGET-2011, will be held in different cities/towns across the State of Karnataka. The test will be held on the mentioned time and date in all the test centres. The details of all the test centres will be published online. The centre address will be mentioned in the TAT, which would be dispatched to the candidates prior to the examination as per the calendar of events.



City Code	Location	City Code	Location	City Code	Location
01	Bangalore	05	Davangere	09	Mysore
02	Belgaum	06	Dharwad	10	Shimoga
03	Bellary	07	Gulbarga	11	Tumkur
04	Bijapur	08	Mangalore	12	Udupi

6.3. Instructions for Test Takers

Candidates please note:

- X Report 60 minutes before the commencement of the test (9:00 AM)
- ➤ The Examination Hall will be opened 30 minutes before the commencement of the test. Candidates are expected to take their seats immediately. If the candidates do not report in time, they are likely to miss some of the general instructions.
- The candidate must show, on demand, the TAT for admission in the Examination Hall. A candidate who does not possess the TAT issued by COMEDK shall not be admitted to the Examination Hall under any circumstances.
- During the examination time, the invigilator will check the TAT of the candidates to satisfy himself / herself about the identity of each candidate. The invigilator will also put his /her signatures in the place provided in the TAT, Answer Sheet.
- A seat with a TAT number will be allotted to each candidate. Candidates must find out and occupy their allotted seats. If a candidate is found appearing in the test from a seat or a room other than the one allotted to him/her, his/her candidature shall be cancelled.
- X Test commences at 10:00 AM
- * After 10:15 AM candidates will not be allowed to enter the examination hall to take the test (Delay by any means of transportation to the city and reaching the test centre beyond the given time will not be allowed to enter the examination hall and take the test). It is advisable to reach the Test Location a day prior to the examination.

Candidates are advised in their own interest not to bring any of the banned items including Mobile Phone to the venue of the examination as arrangement for safe keeping cannot be assured.





Candidates must not carry any textual material, printed or written, bits of papers except the Test Admission Ticket (without the envelope) and Candidate Copy of Date of Birth Certificate inside the hall.

For those who are unable to appear on the scheduled date of the examination for any reason, re-examination shall not be held by COMEDK under any circumstances.

Answer sheet: All answers need to be registered on an Optical Mark Reader (OMR) sheet, which is machine read and evaluated. Candidates must **use only black or blue ballpoint pen** for marking their answers on the OMR Answer sheet. Use of pencils or erasers or whiteners is not permitted. **(Ref: Appendix - V for format)**

- OMR answer sheets will be supplied only at the examination hall. After the test is over, the answer sheet should be given back, before leaving the room. Candidates are allowed to take the candidate's copy of the answer sheet only on completion of the test.
- X Kindly note that the candidates must sign on their TAT and OMR answer sheets in the presence of the invigilator, after the invigilator has verified their TAT. Invigilators will also sign on the column indicating Invigilators Signature on the OMR Sheet, If not the answer sheet will be invalid and not be consider for processing.
- The OMR Answer sheet contains the following fields which have to be filled in neatly and accurately by the candidate with blue/black ball point pen only. Use of pencil on the OMR answer sheet is not allowed. OMR answer sheet filled in with pencil would be rejected for evaluation.
 - × Name of the Candidate
 - X Question Booklet Version Code
 - **X** Question Booklet Serial Number
 - Test Admission Ticket Number (TAT)
 - X Candidate's Signature
 - Subject Code (Only in Mathematics and Biology OMR answer sheet)
- X The OMR answer sheet is machine assessed and therefore it should be handled with care. If there is any doubt, please contact the test invigilator immediately.
- X The COMEDK UGET-2011 test administration is timed. The test session is designed to be completed within the specified time as indicated in this brochure and no compromise will be made on the set time limits. The Chief Superintendent of the test





centre is the official timekeeper. Candidates (Test Takers) will not be permitted to continue the test beyond the established time limit.

- **X** It is planned to use **biometric registration** during the test session.
- X Candidates are not allowed to go out of the room temporarily for any reason during the test duration.

6.4. Instructions for Parents / Guardians

- Parents/Guardians are advised to ensure that their ward should not indulge in unfair means activities/malpractices which breaches the examination rules. If any candidate is found to be indulged in any such activity he/she shall be debarred from taking this examination permanently in future and shall also be liable for criminal action and/or any other action deem fit by the COMEDK.
- ➤ The conduct of COMEDK UGET-2011 would be videographed. The candidates are required to keep their head in upright position and face the camera during the videography so that their identity could be clearly established.
- X It is mandatory for the candidate to bring his/her recent not older than 6 months passport size photograph during the conduct of COMEDK UGET-2011. At the back of the photograph, candidate must mention his/her name, Application number and TAT number.

6.5. Grounds for Dismissal

The COMEDK UGET-2011 test administrator is authorised to dismiss a candidate from a test session for:

- Attempting to take the test for someone else (Impersonation)
- X Failing to provide acceptable identification when asked for
- Creating disturbance at the test venue
- X Giving or receiving unauthorised help
- **×** Eating or drinking during the test
- ➤ Using any forbidden / unauthorised testing aids, such as personal computational devices, cell phones etc.,
- Leaving the test centre before the stipulated time of 15 minutes, from the start of the test
- X Refusing to follow directions as stipulated by the invigilators etc.,
- Photographic mismatch / Photographs older than six months / Smudged or hazy photograph will result in disqualification of the candidates.





Requests for use of toilet during the test are not entertained.

Failure to comply with the test procedures and regulations or with the test administrator's directions can result in COMEDK taking action/s that include, but are not limited to, barring candidates from future testing and or cancelling the test scores. If the scores are cancelled, the candidate will be reported to appropriate competent authority and also the test fee will be forfeited.

6.6. Results Publishing

Answer Keys and Test scores of all the candidates will be published on the website, http://www.comedk.org. Clarifications, if any, should be sought within the dates stipulated. Subsequently the final result along with the Merit List will be published which will be binding on all candidates and no further claim would be entertained thereafter. (Please refer to the Calendar of Events for details).

The test results will be published in two stages:

- X Test Score Publication
- ✗ Final Merit / Rank List Publication

The Final Merit / Rank List will be sent to the regulatory authorities. Individual rank card will be sent to eligible candidates only. The same will also be made available at the COMEDK website, http://www.comedk.org

6.7. Test Scores Publishing

- **Answer Keys** of the COMEDK UGET-2011 will be published on the website only late in the evening, on **08/05/2011**.
- Clarifications to the answer keys, if any, should be sought between 09/05/2011 and 13/05/2011. (Communications received after 13/05/2011 will not be entertained)
- **Test scores** of COMEDK UGET-2011 will be published on **25/05/2011**.
- Clarifications to the Test Scores, if any, should be sought between 26/05/2011 and 28/05/2011. (Communications received after 28/05/2011 will not be entertained)
- The Final Rank list will be published on 07/06/2011.



Applicants seeking any clarifications with regards to:

a. Clarification with regards to the Answer Keys: (Ref: Appendix - I for format) Applicants seeking clarifications with regard to answer keys have to write to COMEDK, clearly indicating the grievance and with all necessary enclosures in a prescribed format which can be downloaded from our website. Every answer key for which clarification is sought should be sent to COMEDK office by post along with a Demand Draft of Rs.200/- (Rupees Two Hundred only) per Item, drawn in favour of 'COMEDK', payable at Bangalore. Only if the clarification sought is upheld, the money would be refunded.

Any request for clarification of answer keys beyond the last date as stipulated in calendar of events will not be entertained.

b. Clarification with regards to the Test Scores: (Ref: Appendix – II for format) Applicants seeking clarifications of Test score a Demand Draft of Rs.200/- (Rupees Two Hundred only) per candidate, drawn in favour of 'COMEDK', payable at Bangalore, should be enclosed along with a Candidate copy of the OMR sheet. Only if clarification sought is upheld, the money would be refunded.

Any verification/clarification sought by the applicants will be put forth to the COMEDK's academic committee for their consideration and the decision given by the committee will be final and binding on all. No further claims for clarifications will be entertained by COMEDK after the last date, as indicated above.

6.8. Final Merit/Rank List Publishing

The final merit / rank list is generated based on the scores in the entrance test and the same will be published on **07/06/2011**.

INTER-SE MERIT

Ties in the test scores, if any, will be resolved based on the following order specified:

For Medical/Dental candidates:

- The principle of least negative responses (number of wrong answers) in 1) Biology,
 Chemistry and 3) Physics
- X Aggregate marks in Chemistry and Biology in the Entrance Test
- X Marks in Biology in the Entrance Test
- * Age of the Candidate, the elder candidate is ranked higher than the younger candidate.





For Engineering candidates:

- The principle of least negative responses (number of wrong answers) in 1) Physics,2) Mathematics and 3) Chemistry
- × Aggregate marks in Physics and Mathematics in the Entrance Test
- Marks in Mathematics in the Entrance Test
- X Age of the Candidate, the elder candidate is ranked higher than the younger candidate.

COMEDK Member Institutions will not accept any other qualification of entrance examination conducted by any other agencies to determine the inter-se merit.

All candidates must note that any form of canvassing or influence exercised would result in permanent disqualification of the application without any prior notice to the applicant. www.comedk.org is the only official website of the consortium. COMEDK is not responsible for information available on other websites / elsewhere.

Please note: COMEDK does not have any agents, liaison/admission offices, representatives or any other office/s other than the office mentioned in this brochure. Candidate/s is requested not to depend upon or deal with any person or organisation/s claiming to be associated with the COMEDK activities or claiming to help with admissions or entrance tests. COMEDK will not be responsible for the same.

7. Centralized Counseling (Single window)

Centralized Counseling (Single window) will be organised for selection of seats in MBBS, BDS, B.E and B.Arch courses.

Details of instructions date and schedules relating to centralized counseling will be put on the website at a later date.

- First round of counseling **tentatively** will be held in the month of July 2011.
- **X** Second round of counseling **tentatively** will be held in the month of Aug 2011.

The COMEDK website <u>http://www.comedk.org</u> is updated regularly. COMEDK suggests all candidates to visit it frequently for relevant information.





8. Biometric Registration

Candidates intending to take the Under-Graduate Entrance Test 2011 may be required to undergo biometric registration. (i) during the test, (ii) during centralized counseling for seat selection and (iii) at the college level, during the admission process.

To ensure fairness to the merited students and to eliminate fraudulent attempts, it is planned to use Biometric registration at various stages of the process and this would be done at the discretion of COMEDK.

COMEDK reserves the right to change (or) reset the Biometric Verification parameters at any time during the selection process.

Any mismatch at any stage will automatically result in disqualification of the candidate and he/she will not be permitted to participate in any further process of seat selection and admission to UG course. Further, impostors are liable for criminal prosecution.

9. Assistance / Facilities to candidates

In order to provide timely information to the candidates about their applications, or the entrance test, or the results thereof, COMEDK has made the following arrangements:

The Help desk telephone number is **080-41132810**. The Help desk is operational from **10:30** am to **6:00** pm, Monday to Friday, and from **10:30** am to **1:30** pm on **Saturdays**. The Help desk is not operational on Sundays and other public holidays.

Candidates can send their queries to the Help desk at **uget@comedk.org** or can fax the same to **080-23568309**.

COMEDK has set up a website http://www.comedk.org to facilitate information dissemination among the candidates. The website contains all the information available in this brochure. The website contains information pertaining to the Member Institutions, the courses offered, and other details.

In addition, candidates have been provided with a facility to check the status of their application in the various stages of their application processing. The candidate will have to click on the link indicating "Applicant Login" on the home page of the website. They can login to the system by entering their Application Number and their Date of Birth as mentioned in their application form. After the login is successful, the candidates will be provided with various information such as, one's application details, latest status of their application for taking the test, the status of their Test Admission Ticket (TAT), the details of one's test centre (address), and other alerts / information as specific to the candidate.





No personal Queries will be entertained. The communication can be made only through Phone, Fax or Email.

COMEDK office is situated at the following address:

#132, Second Floor, 11th Main, 17th Cross, Malleswaram, Bangalore - 560 055. Karnataka.

Kindly Note:

- > Due care has been taken to compile the information contained in this information brochure, however should some inadvertent error be present, COMEDK, is not liable for the same.
- All information or details with regards to the institutions have been provided by the institutions, should any inadvertent error be present, COMEDK, is not liable and responsible for the same.
- ➤ COMEDK cannot be held responsible for loss of Test Admission Tickets, loss of score cards, postal delays etc, denial of Internet service, Website unavailability, and unavailability to connect/reach help desk voice/non voice support or any other reasons, beyond the control of COMEDK.
- Applicants are advised **not to send their original transcripts to COMEDK**. COMEDK will not be responsible for any original transcripts sent.
- > Should there be unforeseen changes in the calendar of events; COMEDK is not responsible for the same.
- X The process enlisted in this brochure, is based on guidelines prescribed by the Hon'ble Supreme Court of India and the concerned statutory bodies. Any changes indicated by the statutory bodies during the COMEDK UGET-2011 process are binding on COMEDK for implementation.
- ➤ All documents relating to COMEDK UGET 2011 will be retained for a period of two years only. Hence any dispute beyond two year from the date of COMEDK UGET 2011 cannot be entertained.
- X The information content in this brochure is as on the date of Notification. Please refer to our web site for current and updated information.



10. Legal Disputes

All legal disputes if any pertaining to COMEDK UGET 2011 or Centralized Counseling shall be subjected to jurisdiction of appropriate courts including the consumer's fora in city of Bangalore only.

11. Frequently Asked Questions (FAQ'S)

Q. When do the Courses begin?

A. Medical and Dental Courses are scheduled to begin from **01/08/2011**.

Engineering and B.Arch courses are scheduled to begin from **01/09/2011**.

Q. What is the eligibility for the courses?

MBBS / BDS:

General Merit Candidates should have passed the qualifying examination which is 2nd PUC or 10+2 higher secondary or equivalent examination, recognized by State / Central Government. The last two years of study shall comprise of Physics, Chemistry and Biology (PCB) with English as a compulsory subject. As per the Medical Council of India (MCI) and Dental Council of India (DCI) norms the candidates must have passed these subjects individually and must have obtained a minimum of 50% of marks taken together in PCB, Further must secure not less than 50% marks in PCB in the Common Entrance Test (COMEDK UGET-2011).

SC, ST candidates of All India and OBC Candidates of Karnataka should have passed the qualifying examination which is 2nd PUC or 10+2 higher secondary or equivalent examination, recognized by State / Central Government. The last two years of study shall comprise of Physics, Chemistry and Biology (PCB) with English as a compulsory subject. As per the Medical Council of India (MCI) and Dental Council of India (DCI) norms the candidates must have passed these subjects individually and must have obtained a minimum of 40% of marks taken together in PCB. Further must secure not less than 40% marks in PCB in the Common Entrance Test (COMEDK UGET-2011).

He/she shall complete the age of 17 years on or before 31st December (31/12/2011) of the year of admission to the MBBS/BDS course.

B.E:

General Merit Candidates, should have passed the qualifying examination which is 2^{nd} PUC or 10+2 higher secondary or equivalent qualifying Examination recognized by State / Central Government with a minimum aggregate of 50% marks in Physics, Chemistry and



Mathematics (PCM) and should have passed these subjects individually. Physics and Mathematics are compulsory subjects along with Chemistry or Biotechnology or Biology as one of the optional subjects. English as one of the language of study is compulsory. There are no minimum marks fixed for entrance test. Hence all candidates who have taken the entrance test will find a place in the merit list as per their performance.

SC, ST candidates of All India and OBC candidates of Karnataka the aggregate marks in PCM should not be less than 45% in the qualifying examination as mentioned above. All other details remain the same.

B. Arch:

A candidate who has passed the qualifying examination (2nd PUC or 10+2 higher secondary or equivalent examination) with Mathematics as one of the subjects along with other subjects or a 10+3 Diploma recognized by Central / State Government and having obtained at least 50% marks in aggregate (45% marks in case of SC, ST Candidates of All India and OBC Candidates of Karnataka). Further the candidate should have appeared for National Aptitude Test in Architecture (NATA) conducted by Council of Architecture with a minimum score of 80 out of 200 for both general merit and category candidates.

COMEDK **will not** be conducting any Common Entrance Test for candidates seeking admission to B.Arch (Architecture Course) as per existing rules.

Note: Candidates seeking B. Arch seats should submit separate application form along with a DD of Rs. 500/- in favour of COMEDK. Online application form will be issued from 21/05/2011.

Q. Are the admissions open only to Karnataka students?

A. No. Admissions are open to all the students across the country.

Q. Are candidates applying from outside the State of Karnataka eligible to get the benefit of lower eligibility qualifying marks?

A. Yes, All India SC / ST candidates only are eligible to get the benefit of lower eligible qualifying marks provided the certificates as applicable issued by the competent authorities is furnished in support of the claim.

Q. Are candidates applying from the Karnataka State eligible to get the benefit of lower eligibility qualifying marks?

A. Yes, in the case of SC, ST and OBC candidates of Karnataka can seek the benefit of lower eligibility in qualifying marks provided the certificates as applicable issued by the competent authorities is furnished in support of the claim.

Page No. **33** of **43**



Q. I have finished my PUC/INTER/HSC/+2 a few years ago. Am I eligible for these courses?

A. Yes. You can apply for the notified courses, if you fulfill the eligibility requirements as mentioned.

Q. Is there an age limit for the course?

A. Yes. He/she shall complete the age of 17 years on or before 31st December of the year of admission to the MBBS/BDS course.

Q. Although I am eligible, I am currently enrolled in another course. Will I be permitted to join?

A. Yes. You are eligible to join if you have the basic eligibility as mentioned.

Q. I have completed my diploma course. Can I apply to COMEDK and its member colleges for 2nd year / 3rd semester?

A. No. This notification is only for admissions to the 1st year/semester in MBBS, BDS and B.E. Thus; you cannot apply for the 2nd Year (lateral entry scheme).

Q. How will I know my test results?

A. Test results are intimated to candidates. The results are also published on the web site.

Q. When is the last date to apply?

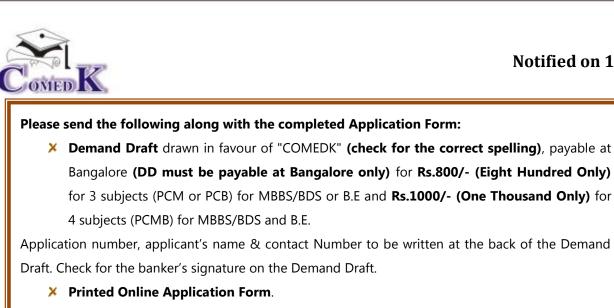
A. Completed application forms must reach the office of COMEDK on or before **19/04/2011**. Applications received after the stipulated date and time will be rejected.

Q. What are the enclosures to be made along with the applications?

A. The following documents have to be sent along with the filled in application form as enclosures

Note: Send the Application in A4 size envelops only. Do not fold the application form.

Kindly arrange the documents in the following order:



The completed application form must have

- Candidate's photo should be pasted (within the box provided)
- Candidate's signature (within the box provided)
- Left forefinger impression of the candidate (within the space provided)
- Candidate's parent/guardian's signature (within the box provided)
- Printed Online Date of Birth Certificate / Identity Proof (COMEDK copy).

The completed Date of Birth Certificate / Identity Proof must have

- Attestation (within the space provided) by the Head of the Institution where he/she last studied or Gazetted officer not below the rank of Tahsildar of the area in which he/she is a resident.
- Candidate's photo should be pasted (within the box provided)
- Candidate's signature (within the box provided)
- × 10th Standard Marks Card.

Candidates belonging to SC / ST of All India and OBC of Karnataka would be considered, provided they furnish the Photocopy of the following Certificates:

- SC / ST : Caste Certificate issued by competent authority (Authorised to issue such a certificate but not below the rank of a Tahsildar)
- ✗ OBC: Category I, IIA, IIB, IIIA and IIIB: As notified by the Karnataka Govt. Caste and Income Certificate issued by Tahsildar or higher revenue jurisdictional authority authorised to issue such a certificate.
- MINORITY: Religious (Christian) of All India / Linguistic (Tulu/Telugu/Konkani) of Karnataka minority candidates to produce certificate as per Appendix -IV of Brochure (available on www.comedk.org)

Candidates who have not produced appropriate supporting documents for claiming the status of Religious / Linguistic Minority / SC / ST / OBC are liable to be considered as General Merit Candidates.

Note: Avoid stapling of Demand Draft to the application form. Instead use clips.



Any application received by COMEDK without the required enclosures will be liable for rejection.

Q. I wish to apply for Medical/Dental and Engineering courses. Should I apply for each of them separately or can I apply through a single application for both of them?

A. You can apply to any/all of Medical/Dental and Engineering courses in a single form. You can indicate your preferences for each of them in the same application form. You have to provide demand draft for Rs.800 in case of you taking only MBBS/BDS (PCB) or B.E (PCM). In case you are taking all the four subjects MBBS/BDS and B.E (PCMB) you have to send a demand draft for Rs 1000.

Q. Is there any minimum marks to be scored in COMEDK UGET-2011?

A. **MBBS/BDS:** A candidate is required to secure a minimum of 50% for General category and 40% for those belonging to Schedule Caste / Schedule tribe (All India candidate/s) and other backward Classes of Karnataka in the COMEDK UGET-2011 to be eligible for admission to M.B.B.S/BDS.

B.E: For admission to B.E there is no minimum marks fixed for entrance test. Hence all candidates who have taken the entrance test will find a place in the merit list as per their performance.

Q. Can I send a black & white photograph?

A. No, the Photograph to be provided has to be in Colour and clear and **should not be more than 6 months old.** Application with smudged/tampered or hazy photograph will not be accepted.

Q. If I have 5 clarifications in the answer key, then do I send a DD of Rs.200 or Rs.1000?

A. You have to send a single DD of Rs.1000. (Rs. 200 per clarification) along with the format (Appendix- I of Brochure)

Q. I want to seek clarification of my test score. Should I send a DD for Rs.200?

A. Yes you have to send a DD for Rs. 200/- along with the format of seeking test score clarification. (Appendix- II of Brochure)

Q. Would I get a refund for the amount, which I have sent along with my clarification/s?

A. Yes, you would be entitled for a refund only if your clarification/s is/are upheld by the academic committee or your claim for clarification of test score is upheld.



Q. Where should the applications be sent and to whom should it be addressed?

A. Completed Application form/s must be sent to below mention address:

Executive Secretary - COMEDK, # 132, Second Floor, 11th Main, 17th Cross, Malleswaram, Bangalore 560 055, Karnataka.

Q. What is a minority Institution and who is eligible to be admitted under minority Quota?

A. Minority institutions are broadly of two types -1) Religious minority 2) Linguistic minority.

Linguistic Minority: Candidates belonging to Karnataka State only are eligible to claim the minority status. Minority College is entitled to admit candidates from their own minority group only. Candidates seeking admission only under minority status should have secured not less than 50% just as General candidates in COMEDK UGET 2011.

Religious Minority: Candidates (Christian) belonging to the State of Karnataka are only eligible in the first round of counseling. However in the event of any vacancy in the second round (Minority round) the candidate belonging to the religious minority (Christian) from other State also would be eligible. Candidates seeking admission only under minority status should have secured not less than 50% just as General candidates in COMEDK UGET 2011.



12. Appendix - I

COMEDK UGET - 2011 Format for seeking clarifications pertaining to Answer Keys (Please use Separate form for each Question, but send a DD for the total Amount @ Rs. 200 for each Question)
Name :
TAT No. :
Subject : Physics Mathematics
Chemistry Biology
Version A/B/C/D
Question No.
Published Answer Key
Claim of Correct Key
Nature of Clarification:
Reason:
Reference :(Mention the Text book name and the page no.)
Enclosures If any :
DD DETAILS
DD No.: DD Date
Amount
Signature of the Candidate
Print Clarifications



13. Appendix -II

COMEDK UGET - 2011 Format for seeking clarifications pertaining to Test Scores {Re-totaling and verification for OMR (Answer Sheet)}
Name :
TAT No. :
Subject : Physics Mathematics
Chemistry Biology
Version A/B/C/D
Question No.
Reason:

·
* Kindly enclose the duplicate photocopy of your OMR Sheet and send a DD of Rs. 200/- along with the form.
Print Clarifications





14. Appendix - III

No.:	Date:
	Residential/Domicile Certificate
T	his is to certify that Sri/Smt
Son/Do	aughter Sri/Smt
at	
has Do	omiciled/Resided in the State of Karnataka for the last(in
figures	and words) years and months.
	This Certificate is issued for purpose.
Place	: Tahsildar
Date:	Taluk

Note: To be dated before 19th April 2011, the last day for receipt of completed application form as per calendar of events.



15. Appendix - IV

PROFORMA FOR RELIGIOUS & MOTHER TONGUE CERTIFICATE

(Candidates who Claim Seats in Colleges of religious & linguistic Minority Status)

Name, full postal address and telephone number of the institution from where the candidate has passed SSLC / 10th standard examination

Date
This is to certify that Sri./Kum.
o/D/o has studied from
andard to standard in our institution during to ademic years. He / She belongs to eligion and the Mother Tongue of the above student is as per the Admission Register maintained
the institution.
The above details are true and correct to the best of my knowledge.
Signature of
Head of the Institution

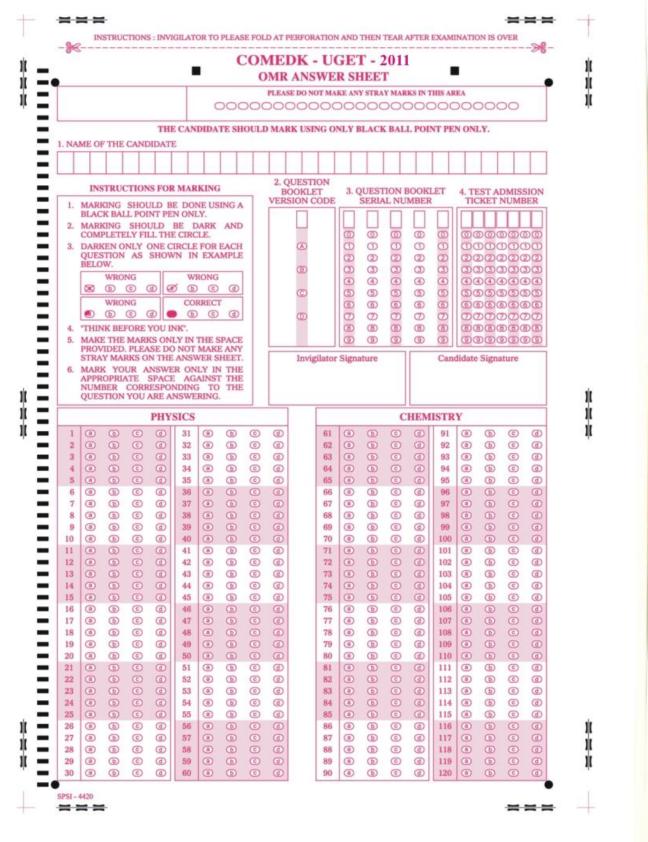
Institution Seal

(Name in Block letters)

Note: To be dated before 19th April 2011, the last day for receipt of completed application form as per calendar of events.



16. Appendix -V OMR Answer sheet for Physics and Chemistry Test





OMR Answer sheet for Mathematics and Biology Test

							CC		EDI)11	•				
						00	000							MARKSI				000	
			-	HE C	ANDID									ALL PO					
AME	OF TE	IE CAN						LID IVE	JERUS C	Julyo	O14E		CIE II	TELES E C	2,41,4 8	2217	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	INST	RUCT	IONS I	FOR M	ARKIN	G			2. QUE BOOK			SUBJE	СТ	4. QUE			5. TEST	T ADM	ISSION
	ARKIN					USING	G A	V	ERSIO	N COD	E	CODE	SI	ERIAL N	UMBI	R	TICK	ET NU	MBER
. M	ARKIN	G SI	HOUL	D BE	DAR		ND								000		000	000	000
QI	ARKEN	ON A						(A)				MATHS 220			2 1 1 5	0000000			
BI	ELOW.	RONG			WRO	NG	٦l		Œ	D		(1)		3 (3) (4)	000	0 0	3 (3)	300	333 944
Q		RONG	•	Ø	CORRE		D		G	D	В	IOLOG		500 500	000		300	500	3 3 3 3 3 3 3 3
	D &	0	@ E VO	•	(b)		Ð		Œ	D		(B)	3	707 886	000		200	DOC	700 888
. M.	AKE T	HE MA	ARKS	ONLY	IN TH			L					112	900			100		999
ST	RAY N	MARKS	SONT	HE A	NSWE	RSHE	ET.		-1	invigila	tor Si	gnature			-	Candi	date Si	gnature	e
Al	PPROP	RIATE	SP	ACE	AGAIN	IST T	HE												
QI	UESTI	ON YO	U AR	E ANS	WERIN	NG.		L											
1	(1)	(b)	0	(16	(8)	(b)	0	(31	(3)	0	0	0	46	(3)	Ф	(E)	@
2	0	0	0	a	17	0	(D)	0	a	32	0	(b)	0	0	47	(3)	(b)	(0)	@
3	0	(b)	0	0	18	(3)	(D)	(0)	a	33	0	0	0	•	48	(a)	(b)	0	a
	a	9 9	0	0 0	18	(a)	(a)(b)	0	0	33	aa	9 9	0	0	48 49	aa	(b)	0	@ @
3					1050			200000		lines.									
3	0	0	0	0	19	a	(b)	0	@	34	a	0	0	0	49	(a)	(b)	(6)	@
3 4 5	a	6 6	© ©	0 0	19 20	aa	(b)(c)	0 0	0	34 35	aa	0	0	0 0	49 50	aa	(b)(c)	© ©	@
3 4 5	0 0	6 6	0 0	0 0	19 20 21	aaa	(a)(b)(c)(d)(d)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)<l< td=""><td>0 0</td><td>0 0</td><td>34 35 36</td><td>aaa</td><td>(a)(b)(c)(d)(d)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)<l< td=""><td>0 0</td><td>9 9</td><td>49 50 51</td><td>aaa</td><td>(a)(b)(c)(d)(d)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)<l< td=""><td>0 0</td><td>0 0</td></l<></td></l<></td></l<>	0 0	0 0	34 35 36	aaa	(a)(b)(c)(d)(d)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)<l< td=""><td>0 0</td><td>9 9</td><td>49 50 51</td><td>aaa</td><td>(a)(b)(c)(d)(d)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)<l< td=""><td>0 0</td><td>0 0</td></l<></td></l<>	0 0	9 9	49 50 51	aaa	(a)(b)(c)(d)(d)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)<l< td=""><td>0 0</td><td>0 0</td></l<>	0 0	0 0
3 4 5 6 7	aaa	0 0 0	© © ©	0 0 0	19 20 21 22	aaaa	6 6 6	0 0 0	0 0 0 0	34 35 36 37	aaaa	0 0 0	0 0 0	9 9 9	49 50 51 52	aaaa	6 6	0 0 0 0	9 9 9
3 4 5 6 7 8	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	19 20 21 22 23		6 6 6 6	0 0 0 0	0 0 0 0	34 35 36 37 38	a	0 0 0 0	0 0 0 0	0 0 0 0	49 50 51 52 53	a a a a	6 6 6	0 0 0 0	0 0 0 0
3 4 5 6 7 8		9 9 9 9 9	0 0 0 0 0	0 0 0 0 0	19 20 21 22 23 24		9 9 9 9 9	0 0 0 0 0	0 0 0 0 0	34 35 36 37 38 39		9 9 9 9 9	0 0 0 0 0	9 9 9 9 9	49 50 51 52 53 54		6 6 6 6	0 0 0 0 0	0 0 0 0 0
3 4 5 6 7 8 9		9 9 9 9 9 9 9	0 0 0 0 0 0 0	0 0 0 0 0 0 0	19 20 21 22 23 24 25 26			0 0 0 0 0 0 0	0 0 0 0 0 0 0	34 35 36 37 38 39 40 41		0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	49 50 51 52 53 54 55			0 0 0 0 0 0 0	0 0 0 0 0 0
3 4 5 6 7 8 9 10 11 12			0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	19 20 21 22 23 24 25 26 27				0 0 0 0 0 0 0	34 35 36 37 38 39 40 41 42				0 0 0 0 0 0 0 0	49 50 51 52 53 54 55 56 57				0 0 0 0 0 0 0 0
3 4 5 6 7 8 9 10 11 12 13					19 20 21 22 23 24 25 26 27 28					34 35 36 37 38 39 40 41 42 43			0 0 0 0 0 0 0 0 0		49 50 51 52 53 54 55 56 57 58				0 0 0 0 0 0 0 0
3 4 5 6 7 8 9 10 11 12			0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	19 20 21 22 23 24 25 26 27				0 0 0 0 0 0 0	34 35 36 37 38 39 40 41 42				0 0 0 0 0 0 0 0	49 50 51 52 53 54 55 56 57				0 0 0 0 0 0 0 0