



**APPENDIX – I**  
**LIST OF PLACES AND RESPECTIVE CODES WHERE THE 'PGCET 2011'**  
**TEST CENTRES ARE LOCATED**

EXAM PLACE	EXAM PLACE	EXAM PLACE
BANGALORE	BAGALKOT	GULBARGA
BELGAUM	DAVANGERE	MYSORE
BELLARY	MANGALORE	SHIMOGA
BIJAPUR	DHARWAD	TUMKUR

**APPENDIX – II**  
**STATE, DISTRICT AND TALUK CODES**  
**1.STATE CODES**

01 - KARNATAKA	13 - JAMMU & KASHMIR	25 - RAJASTHAN
02 - ANDHRA PRADESH	14 - JHARKHAND	26 - SIKKIM
03 - ARUNACHAL PRADESH	15 - KERALA	27 - TAMILNADU
04 - ASSAM	16 - MADHYA PRADESH	28 - TRIPURA
05 - BIHAR	17 - MAHARASHTRA	29 - UTTARAKHAND
06 - CHANDIGARH	18 - MANIPUR	30 - UTTAR PRADESH
07 - CHATTISGARH	19 - MEGHALAYA	31 - WEST BENGAL
08 - DELHI	20 - MIZORAM	32 - ANDAMAN NICOBAR
09 - GOA	21 - NAGALAND	33 - LAKSHA DWEEP
10 - GUJARAT	22 - ORISSA	34 - OTHERS
11 - HARYANA	23 - PONDICHERRY	
12 - HIMACHAL PRADESH	24 - PUNJAB	

**2. DISTRICT CODES**

01 - BANGALORE URBAN	11 - CHITRADURGA	21 - KOPPAL
02 - BANGALORE RURAL	12 - DAKSHINA KANNADA	22 - MANDYA
03 - BAGALKOT	13 - DHARWAD	23 - MYSORE
04 - BELGAUM	14 - DAVANGERE	24 - RAICHUR
05 - BELLARY	15 - GADAG	25 - RAMANAGARAM
06 - BIDAR	16 - GULBARGA	26 - SHIMOGA
07 - BIJAPUR	17 - HASSAN	27 - TUMKUR
08 - CHAMARAJANAGAR	18 - HAVERI	28 - UDUPI
09 - CHICKAMAGALUR	19 - KODAGU	29 - UTTARA KANNADA
10 - CHICKABALLAPUR	20 - KOLAR	30 - YADGIR

### 3. TALUK CODES

001 - AFZALPUR	060 - HADAGALI	119 - MULABAGAL
002 - ALANDA	061 - HALIYAL	120 - MUNDARGI
003 - ALUR	062 - HANGAL	121 - MUNDAGOD
004 - ANEKAL	063 - HARAPANAHALLI	122 - MYSORE
005 - ANKOLA	064 - HARIHAR	123 - N. R. PURA
006 - ARASIKERE	065 - HASSAN	124 - NAGAMANGALA
007 - ARAKALAGUD	066 - HAVERI	125 - NANJANAGUD
008 - ATHANI	067 - HIREKERUR	126 - NARAGUND
009 - AURAD	068 - HIRIYUR	127 - NAVALAGUND
010 - BADAMI	069 - HOLALKERE	128 - NELAMANGALA
011 - BAGALKOT	070 - HOLENARASIPURA	129 - PANDAVAPURA
012 - BAGEPALLI	071 - HONNALI	130 - PAVAGADA
013 - BAGEWADI	072 - HONNAVARA	131 - PERIYAPATNA
014 - BAILAHONGALA	073 - HOSADURGA	132 - PUTTUR
015 - BANGALORE NORTH	074 - HOSAKOTE	133 - RAIBAG
016 - BANGALORE SOUTH	075 - HOSANAGAR	134 - RAICHUR
017 - BANGALORE EAST	076 - HOSPET	135 - RAMANAGARAM
018 - BANGARPET	077 - HUBLI	136 - RAMADURG
019 - BANTWAL	078 - HUKKERI	137 - RANEBENNUR
020 - BASAVAKALYAN	079 - HUMNABAD	138 - RON
021 - BELGAUM	080 - HUNAGUND	139 - SAGAR
022 - BELLARY	081 - HUNSUR	140 - SAKALESHPURA
023 - BELTHANGADI	082 - INDI	141 - SANDUR
024 - BELUR	083 - JAGALUR	142 - SAVANUR
025 - BHADRAVATHI	084 - JAMAKHANDI	143 - SEDUM
026 - BHALKI	085 - JEWARGI	144 - SHAHAPUR
027 - BHATKAL	086 - KADUR	145 - SHIGGAON
028 - BIDAR	087 - KALGHATAGI	146 - SHIKARIPUR
029 - BIJAPUR	088 - KANAKAPURA	147 - SHIMOGA
030 - BILAGI	089 - KARKALA	148 - SHIRAHATTI
031 - BYADAGI	090 - KARWAR	149 - SHORAPUR
032 - CHIKKANAYAKANA HALLI	091 - KHANAPUR	150 - SIDDAPUR
033 - CHALLAKERE	092 - KOLAR	151 - SHIDLAGHATTA
034 - CHAMARAJANAGAR	093 - KOLLEGALA	152 - SINDAGI
035 - CHANNAGIRI	094 - KOPPA	153 - SINDHANUR
036 - CHANNAPATNA	095 - KOPPAL	154 - SIRA
037 - CHANNARAYAPATNA	096 - KORATAGERE	155 - SIRAGUPPA
038 - CHICKAMAGALUR	097 - KRISHNARAJANAGAR	156 - SIRSI
039 - CHICKABALLAPUR	098 - KRISHNARAJA PET	157 - SOMWARPET
040 - CHIKKODI	099 - KUDLIGI	158 - SORAB
041 - CHINCHOLI	100 - KUMTA	159 - SOUNDATTI
042 - CHINTAMANI	101 - KUNDAPUR	160 - SRINGERI
043 - CHITTAPUR	102 - KUNDAGOL	161 - SRINIVASAPURA
044 - CHITRADURGA	103 - KUNIGAL	162 - SRIRANGAPATNA
045 - DAVANGERE	104 - KUSHTAGI	163 - SULLIA
046 - DEVADURGA	105 - LINGASUGUR	164 - T. NARASIPURA
047 - DEVANAHALLI	106 - MADDUR	165 - TARIKERE
048 - DHARWAD	107 - MADHUGIRI	166 - THIRTHAHALLI
049 - DODDABALLAPUR	108 - MADIKERI	167 - TIPTUR
050 - GADAG	109 - MAGADI	168 - TUMKUR
051 - GANGAVATHI	110 - MALAVALLI	169 - TURUVEKERE
052 - GOKAK	111 - MALUR	170 - UDUPI
053 - GOWRIBIDANUR	112 - MANDYA	171 - VIRAJPET
054 - GUBBI	113 - MANGALORE	172 - YADGIR
055 - GUDIBANDE	114 - MANVI	173 - YELANDUR
056 - GULBARGA	115 - MOLAKALMURU	174 - YELBURGA
057 - GUNDLUPET	116 - MUDDEBIHAL	175 - YELLAPUR
058 - HAGARI BOMMANAHALLI	117 - MUDHOL	176 - ZOIDA
059 - H. D. KOTE	118 - MUDIGERE	



**APPENDIX – III**  
**SPECIMEN OF STUDY CERTIFICATE**

**PROFORMA FOR STUDY CERTIFICATE**

**NAME, FULL POSTAL ADDRESS & TELEPHONE NUMBER OF THE INSTITUTION.**

Date .....

This is to certify that Sri. / Kum. .... S/o /  
D/o ..... has studied from ..... standard  
to ..... standard in our institution from  
..... to ..... academic years.

The mother tongue of the candidate is .....  
as per the Admission register of the institution.

The above details are true and correct to the best of my knowledge.

**Signature of**  
**Head of the institution**  
**(Name in Block letters.....)**

Institution seal

**COUNTER SIGNED BY ME**

**Address, Seal & Office Telephone Number**  
**of the Block Educational Officer / DDPI.**

**APPENDIX – IV**  
**PROFESSIONAL COLLEGES INFORMATION**

The total number of Government share of seats offered in the following colleges for the Academic Year 2010-11 are given at pages 28 to 31 for the information of the candidates / parents and no inference shall be drawn either for number of seats or to the college for the Academic Year 2011- 12. The allotment of seats will be done as per the Seat Matrix published by the Government of Karnataka.

Sl. No.	Name of the College	Sanctioned intake for the year 2010-11	Government Quota	Management Quota
1	2	3	4	5
1.	AMC Engineering College 18th KM, Bannerughatta, Bengalooru - 560 083.	120	60	60
2.	Acharya Institute of Management & Science, Bengalooru	60	30	30
3.	Acharya Institute of Technology, Bengalooru.	60	30	30
4.	Administrative Management College 18th KM, Bannerghatta Road, Bengalooru - 560 083.	120	60	60
5.	Al-Ameen Science and Arts College Hosur Road, (Near Lalbhag Maingate) Bengalooru - 560027.	60	30	30
6.	Alliance Business Academy 7th Main, 19th Cross, NS Palya, BTM II Stage, Bengalooru - 76.	60	30	30
7.	Angadi Institute of Technology & Management, Belgaum	60	30	30
8.	BMS College of Engineering Bull Temple Road, Bengalooru - 560019.	60	30	30
9.	BVV Sangha's Basaveshwara Engineering College Bagalkote - 587102.	60	30	30
10.	Ballari Institute of Technology & Management (BITM) Bellary - Hospet Road, Bellary - 583 104.	60	30	30
11.	Bangalore Institute Of Technology, K. R. Road, Bengalooru.	60	30	30
12.	Bapuji Institute of Engineering & Technology Shamanur Road, Davanagere - 577004.	60	30	30
13.	BLDEA' S V.P. Dr. P. G. Halakatte College of Engineering and Technology, Bijapur.	60	30	30
14.	BMS Institute of Technology & Management Yalahanka, Bengalooru.	60	30	30
15.	Brindavan College of Engineering Dwarakanagar, Yalahanka, Bengalooru.	60	30	30
16.	City College 2nd Main, 33rd Cross, 7th Block, Jayanagar, Bengalooru.	90	45	45
17.	CMR Institute of Management Studies II Main, III Block, Hennur Banasawadi Layout, Kalyanagar Bengalooru - 560043.	60	30	30
18.	Dayanandasagar College of Arts, Science and Commerce Shavigemalleshwara Hills Kumaraswamy Layout Bengalooru - 560078.	120	60	60
19.	Dayanand Sagar College of Engineering Shavige Malleshwara Hills, Kumaraswamy Layout Bengalooru - 560078.	60	30	30
20.	Doddappa Appa Institute of MCA, Gulbarga - 585103.	30	15	15



Sl. No.	Name of the College	Sanctioned intake for the year 2010-11	Government Quota	Management Quota
1	2	3	4	5
21.	Dr. Ambedkar Institute of Technology, Mallathahalli, Bengalooru.	60	30	30
22.	East West College of Management # 63, BEL Layout, Vishwaneedam Post, Off Magadi Road Bengalooru North - 560 091.	120	60	60
23.	East West Institute of Technology Magadi Road, Yeshwanthpur Hobli, Bengalooru - 560 091.	60	30	30
24.	Jawaharalal Nehru National College of Engineering, Shimoga.	60	30	30
25.	K.L.E Society's College of Engineering and Technology Udyambag, Belgaum.	30	15	15
26.	KLS Gogte Institute of Technology Udyambag, Belgaum - 560 008.	120	60	60
27.	KLE Society's Nijalingappa College II Block, Rajajinagar, Bangalore - 560 010.	40	20	20
28.	K.L.E Society's MCA Course BVB College of Engineering & Technology, Hubli.	60	30	30
29.	KNS Institute of Technology, Thirumenahalli Hegdge Nagar, Kogilu Road, Jakkur, Bangalore.	60	30	30
30.	Kristu Jayanti College of Management and Technology K. Narayanapura, Kuthanur P.O., Bengalooru - 560 077.	60	30	30
31.	Krupanidhi Group of Institutions, Bengalooru.	60	30	30
32.	M. S. Engineering College Navarathan, Agrahara, Sadahalli Post, Bengalooru North Bengalooru - 562 110.	60	30	30
33.	M.S. Ramaiah Institute of Technology MSR Nagar, MSRIT P.O., Bengalooru - 560 054.	60	30	30
34.	Maharaja Institution of Technology, Mysore.	60	30	30
35.	Mangala Institute of Management Studies	60	30	30
36.	MCA Institution of Acharya Institute of Technology, Bengalooru.	60	30	30
37.	MVJ College of Engineering, Channasandra Kadugodi Post, Bengalooru - 560067.	60	30	30
38.	New Horizon College of Engineering (M&T) Kadubeesina Halli, Bengalooru - 560 087.	120	60	60
39.	Nitte Meenakshi Institute of Technology Gollahalli, Yelahanka, Bengalooru North - 560 064.	60	30	30
40.	NMAM Institute of Technology Nitte	90	45	45
41.	PES College of Engineering, Mandya - 571 401.	60	30	30
42.	PES Institute of Technology - MCA 100 Feet Road, Ring Road, Banashankari 3rd Stage Bengalooru - 560 085.	120	60	60



Sl. No.	Name of the College	Sanctioned intake for the year 2010-11	Government Quota	Management Quota
1	2	3	4	5
43.	P.E.S. School of Engineering Hosur Road (1KM Before Electronics City) Bengalooru - 560 100.	60	30	30
44.	Presidency College Kempapura, Hebbal, Yelahanka Hobli, Bengalooru - 560 024.	30	15	15
45.	R. R. College of Management Studies & Computer Applications Kumbalgodu, Mysore Road, Bengalooru - 560 074.	60	30	30
46.	R. V. College of Engineering, Bengalooru.	120	60	60
47.	Raja Rajeswari College of Engineering Ramohalli Cross, Kumbalgodu, Mysore Road, Bengalooru - 74.	60	30	30
48.	Reva Institute of Technology, Bengalooru - 560 064.	60	30	30
49.	RNS Institute of Technology Channasandar, Subramanya Pura, PO Uttrahalli, Kengeri Road Bengalooru - 560 061.	60	30	30
50.	Rural Engineering College, Bhalki	30	15	15
51.	SJC Institute of Technology PB No. 20, BB Road, Chikkaballapura - 562 101.	60	30	30
52.	Sahyadri Institute of Technology, Adyar, Mangalore - 575 009.	60	30	30
53.	Sambram Academy of Management Studies Ambabhavani Temple Road, Jyothinagar, Vidyaranyapura PO. Bengalooru - 560 097.	60	30	30
54.	Sambram Institute of Technology, Bengalooru.	60	30	30
55.	SBRR Mahajana First Grade College for PG Wing Jayalakshampuram, Mysore - 570 012.	90	45	45
56.	SCT Institute of Technology Kaggardasapura Main Road, Vignana Nagar New Thippasandra Post, Bengalooru - 560 075.	60	30	30
57.	Shridevi Institute of Engineering & Technology, Tumkur.	60	30	30
58.	Siddaganga Institute of Technology BH Road, Tumkur - 572 103.	60	30	30
59.	Sir M. Visvesvaraya Institute of Technology Hunasamaranahalli, Via Yelahanka, Bengalooru - 562 157.	60	30	30
60.	Sitadevi Ratanchand Nahar Adarsh College 5th Main Road, Chamrajpet, Bengalooru - 560 018.	30	15	15
61.	Sri Siddartha Institute of Technology Kunigal Road, Marlur, Tumkur - 572105.	60	30	30
62.	Srinivasa Institute Management Studies, Mangalore	60	30	30
63.	Srinivasa Institute of Technology Arukula Village, Bantwal, Dakshina Kannada - 574 143.	60	30	30



Sl. No.	Name of the College	Sanctioned intake for the year 2010-11	Government Quota	Management Quota
1	2	3	4	5
64.	St Alyousis Institute of Management and Information Technology (MCA), Mangalore.	120	60	60
65.	St. Joseph Engineering College Dharmagiri, Vamantoor, Mangalore.	60	30	30
66.	T. John College, Bengalooru.	90	45	45
67.	T. John Institute of Technology Kammanahalli, Gottigere, Bannerghatta Road, Bengalooru - 83.	60	30	30
68.	The National Institute of Engineering, Mysore.	60	30	30
69.	The Oxford College of Engineering Bommanahalli, Hosur Road, Bengalooru - 560 068.	180	90	90
70.	The Oxford College of Science 1st Phase, J. P Nagar, Bangalore - 560 078.	180	90	90
71.	Tontadarya College of Engineering, Gadaga.	60	30	30
72.	VV Sangha's Institute of Higher Studies in MCA	60	30	30
73.	Vidya Vikas Institute of Engineering and Technology Alanahalli, Lalitadripura Post, Mysore - Bannur Road Mysore - 570 010.	30	15	15
74.	Jnana Sahyadri, Shankarghatta, Kuvempu University.	40	40	-
75.	Department of Business Administration, Mangalore University Mangala Gangotri, Mangalore - 574 199.	60	60	-
76.	Department of Computer Science, Karnatak University, Dharwad.	60	60	-
77.	Department of Computer Science, Bengalooru Univeristiy Bengalooru.	36	36	-
78.	Department of Computer Science, Mysore Univeristiy, Mysore.	40	40	-
79.	Maharani's Science College for Women, Palace Road, Bengalooru.	60	60	-
80.	Gulbarga University, Jnana Ganga, Gulbarga.	45	45	-



## APPENDIX – V

### Model Question Paper

MAXIMUM MARKS	TOTAL DURATION	MAXIMUM TIME FOR ANSWERING
<b>100</b>	<b>150 Minutes</b>	<b>120 Minutes</b>

MENTION YOUR PG CET NUMBER					QUESTION BOOKLET DETAILS	
					VERSION CODE	SERIAL NUMBER

**Dos:**

1. Check whether the PG CET No. has been entered and shaded in the respective circles on the OMR answer sheet.
2. This question booklet is issued to you by the invigilator after the 2nd bell i.e., after 02.25 pm.
3. The serial number of this question booklet should be entered on the OMR answer sheet.
4. The version code of this question booklet should be entered on the OMR answer sheet and the respective circles should also be shaded completely.
5. Compulsorily sign at the bottom portion of the OMR answer sheet in the space provided.

**DON'Ts:**

1. The timing and marks printed on the OMR answer sheet should not be damaged / mutilated / spoiled.
2. The 3rd Bell rings at 02.30 pm, till then;
  - ◆ Do not remove the seal / staple stapled on the right hand side of this question booklet.
  - ◆ Do not look inside this question booklet.
  - ◆ Do not start answering on the OMR answer sheet.

### IMPORTANT INSTRUCTIONS TO CANDIDATES

1. This question booklet contains 80 questions and each question will have one statement and four distracters (Four different options / choices.)
2. After the 3rd Bell is rung at 02.30 pm, remove the seal / staple stapled on the right hand side of this question booklet and start answering on the OMR answer sheet.
3. During the subsequent 120 minutes:
  - ◆ Read each question carefully,
  - ◆ Choose the correct answer from out of the four available distracters (options / choices) given under each question / statement.
  - ◆ Completely darken / shade the relevant circle with a blue or black ink ballpoint pen against the question number on the OMR answer sheet.

### CORRECT METHOD OF SHADING

Qn. No.	Answers
	<input type="radio"/> ① <input type="radio"/> ② <input checked="" type="radio"/> <input type="radio"/> ④

4. Please note that even a minute unintended ink dot on the OMR answer sheet will also be recognized and recorded by the scanner. Therefore, avoid multiple markings of any kind on the OMR answer sheet.
5. Use the space provided on each page of the question booklet for Rough Work. Do not use the OMR answer sheet for the same.
6. After the last bell is rung at 04.30 pm, stop marking on the OMR answer sheet and affix your left hand thumb impression on the OMR answer sheet as per the instructions.
7. Hand over the OMR answer sheet to the room invigilator as it is.
8. After separating the top sheet (KEA copy), the invigilator will return the bottom sheet replica (candidate's copy) to you to carry home for self evaluation.
9. Preserve the replica of the OMR answer sheet for a minimum period of ONE year.





## Part - A

### (One Mark Questions)

1. Total number of divisors of 300  
(a) 10                      (b) 12                      (c) 16                      (d) 18
2. What principal would yield a simple interest of Rs.30, invested at 5% for 6 months ?  
(a) 1300                      (b) 1200                      (c) 1000                      (d) 2000
3. The value of  $(2+i)(1+i)(1+3i)$  is  
(a)  $-8+6i$                       (b)  $-6+8i$                       (c)  $8-6i$                       (d)  $8+6i$
4. The value of  $\sin\left(\frac{\pi}{3}\right) + \cos\left(\frac{\pi}{6}\right) - \tan^3 45^\circ$  is  
(a)  $1+\sqrt{3}$                       (b)  $1+\sqrt{3}$                       (c)  $1-\sqrt{3}$                       (d)  $-1-\sqrt{3}$
5. In which district the Indian Institute of Science's second campus be set up ?  
(a) Chitradurga                      (b) Hubli                      (c) Davanagere                      (d) Belgaum
6. Who among the following won the Men's doubles in 2009 French Open ?  
(a) Roger Federer                      (b) Leander Paes                      (c) Rafeal Nadal                      (d) Mahesh Bhupati
7. How many Oscar awards did the movie "Slumdog Millionaire" Win ?  
(a) 9                      (b) 7                      (c) 8                      (d) 3
8. BSE is  
(a) Bombay Stack Exchange                      (b) Bangalore Stock Exchange  
(b) Bombay Sales Exchange                      (d) Bangalore Sales Exchange
9. Who is the Union Minister of Human Resource Development ?  
(a) Kapil Sibal                      (b) Arjun Singh                      (c) S.M. Krishna                      (d) None of these
10. Which Satellite of Isro is exclusive for education ?  
(a) Insat                      (b) Insat 3                      (c) Edusat                      (d) Insat 2
11. Which actress won the "Best Actress" award in the recently concluded Filmfare award 2009 ?  
(a) Aishwarya                      (b) Priti Zinta                      (c) Katrina Kaif                      (d) Priyanka Chopra
12. WiMax is related to which one of the following ?  
(a) Bio-technology                      (b) Space Technology  
(c) Missile Technology                      (d) Communication Technology



13. Who of the following is the author of the book "The Audacity of Hope" ?  
(a) Al Gore            (b) Barack Obama            (c) Bill Clinton            (d) Hillary Clinton
14. Elephant Pass, which is frequently in the news, is mentioned in the context of the affairs of which one of the following.  
(a) Bangladesh            (b) India            (c) Nepal            (d) Sri Lanka
15. Which country recently conducted the Nuclear Test ?  
(a) South Korea            (b) Japan            (c) North Korea            (d) China
16. If I stand on my head with my face pointing southwards, in what direction will my right hand point ?  
(a) East            (b) West            (c) North            (d) South
17. Find out the missing number in the series below:  
3, 6, 12, 6, 12, ?, 12, 24, 48  
(a) 24            (b) 36            (c) 32            (d) 39
18. Today Radha is five times as old as her daughter. Four years hence the sum of their ages will be 44 years. How old is Radha's daughter now ?  
(a) 4 years            (b) 10 years            (c) 6 years            (d) 16 years
19. Twelve men man complete a work in 8 days, three days after they started the work, 3 more men joined them. In how many days will all of them together complete the remaining.  
(a) 2            (b) 4            (c) 5            (d) 6
20. The average age of 24 boys in a class is 16. If the teacher is included in the group and one boy is excluded from the group, the average increases by 1. What is the age of the teacher ?  
(a) 41            (b) 45            (c) 32            (d) None of these
21. Which of the following will come in place of the question mark (?) in the series below ?  
ZGL    XHN    VIQ    TJU    ?  
(a) QKZ            (b) RKY            (c) RLZ            (d) RKZ
22. If second Saturday and all Sunday's are holidays in a 30 day month beginning on Saturday, how many working days well be there in a month ?  
(a) 22            (b) 20            (c) 24            (d) 21
23. Star : Constellation, as is  
(a) Soldier : Regiment            (b) Patch : Thread            (c) Hand : Clock            (d) Struggle : Wrestle
24. A three digit number consists of 9, 5 and one more number. When these digits are reversed and then subtracted from the original number the answer yielded will be consisting of the same digits arranged yet in a different order. What is the other digit ?  
(a) 4            (b) 3            (c) 2            (d) 1



25. The average of the first 100 natural numbers is  
(a) 5050                      (b) 50.5                      (c) 5.5                      (d) None of these
26. If A and B are any two mutually exclusive events, then  $P(A/A \cup B)$  is equal to  
(a)  $P(A \cup B)$                       (b)  $P(A)/(P(A)+P(B))$                       (c)  $P(B)/(A \cup B)$                       (d) None of these
27. If the mode of a frequency distribution  $M_0=16$  and its mean  $\bar{X}=16$ , the median of the distribution is:  
(a) 16                      (b) Zero                      (c) 32                      (d) 8
28. If X and Y are two independent random variable, then  
(a)  $E(xy)=1$                       (b)  $E(xy)=0$                       (c)  $E(xy)=c$  any constant                      (d) None of these
29. A manufacturer produces switches and experiences that 2% switches are defective, the probability that is a box of 50 switches, there are at most 2 defectives is :  
(a)  $e^{-1}$                       (b)  $2.5e^{-1}$                       (c)  $2e^{-1}$                       (d) None of these
30. If a constant 50 is subtracted from each of the value of X and Y, then the regression co-efficient is  
(a) Reduced by 50                      (b)  $\frac{1^{\text{th}}}{50}$  of the original regression co-efficient  
(c) Increased by 50                      (d) None of these
31. The following is used to connect components in a computer system :  
(a) Van                      (b) Car                      (c) Bus                      (d) None of these
32. 'MAR' stands for  
(a) Memory Address Register                      (b) Memory Add Register  
(c) Memory Address Record                      (d) Memory add Record
33. Maximum number of unique characters that can be represented using Ebcddic format is,  
(a) 255                      (b) 256                      (c) 127                      (d) 128
34. Pick the odd one out  
(a) C                      (b) C++                      (c) Java                      (d) C#
35. Which one of the following is a single user operating system ?  
(a) Linux                      (b) Unix                      (c) Dos                      (d) None
36. Plotter is a  
(a) Input device                      (b) Memory device                      (c) Cpu                      (d) Output device
37. In the floating point number  $0.1 \times 10^{-12}$ , 10 is  
(a) Base                      (b) Mantissa                      (c) Exponent                      (d) None
38. 2's complement of 0000 is  
(a) 1111                      (b) 10000                      (c) 0001                      (d) None



39. If you convert the decimal number 31 into binary number, how many 1's are there in the binary number?  
(a) 2 (b) Zero (c) 1 (d) 5
40. The binary equivalent of  $(B)_{16}$  is  
(a) 1011 (b) 1010 (c) 1110 (d) None
41. The decimal equivalent of Hexadecimal 2B is  
(a) 51 (b) 43 (c) 52 (d) None
42. The sum of the two binary numbers 111 and 111 is  
(a) 1010 (b) 10000 (c) 1110 (d) None
43. Subtracting  $(1111)_2$  from  $(10000)_2$  we get  
(a) 1111 (b) 11111 (c) 1000 (d) None
44. Expansion of 'WWW' is  
(a) World Wide Web (b) West World Web  
(c) World Wide Worm (d) Wide World Web
45. Expand Lsi  
(a) Line Scale Integration (b) Large Scale Integration  
(c) Length Scale Integration (d) None
46. In the following group of words, one is spelt wrongly. Identify the wrong word,  
(a) available (b) capable (c) await (d) accountable
47. 'Practical' is  
(a) adverb (b) adjective (c) noun (d) verb
48. A synonym for 'penury' is  
(a) perseverance (b) arrogance (c) poverty (d) prosperity
49. The antonym for 'sacred' is  
(a) nadir (b) vague (c) false (d) profane
50. One who doesn't believe in the existence of the god is called  
(a) atheist (b) anarchist (c) autocrat (d) oracle
51. Honesty is \_\_\_\_\_ best policy.  
(a) a (b) the (c) an (d) None
52. The temple is located \_\_\_\_\_ the river.  
(a) besides (b) in (c) beside (d) between



53. Here \_\_\_\_\_ the doctor.  
(a) is coming      (b) come      (c) comes      (d) None of these
54. 'To clip the wings of' means  
(a) to remove the powers      (b) to face humiliation  
(c) destroy one's hopes      (d) to solve a problem
55. Provide the appropriate question -tag :  
(a) Did the      (b) Hasn't he      (c) Doesn't he      (d) Has he
56. A misogynist is  
(a) One who hates the world      (b) One who hates learning  
(c) One who hates women      (d) One who hates music
57. A collection of poems is called,  
(a) convoy      (b) Volley      (c) lexicon      (d) anthology
58. The interjection, 'ouch' expresses :  
(a) pain      (b) happiness      (c) discomfort      (d) pleasure
59. Which of the following is not a possessive pronoun ?  
(a) ours      (b) they      (c) hers      (d) yours
60. She may sing film songs. 'May' indicates  
(a) futurity      (b) obligation      (c) probability      (d) ability

## PART - B

### (Two Mark Questions)

61. The inverse of the matrix  $A = \begin{bmatrix} 0 & 0 & 1 \\ 0 & 1 & 0 \\ 1 & 0 & 0 \end{bmatrix}$   
(a)  $\begin{bmatrix} 1 & 0 & 1 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$       (b)  $\begin{bmatrix} 1 & 0 & 0 \\ 0 & 0 & 1 \\ 0 & 1 & 0 \end{bmatrix}$       (c) Itself      (d) None of these
62. Sum of  $4^3 + 8^3 + 12^3 + \dots + 40^3$  is  
(a) 193600      (b) 183600      (c) 194600      (d) 183700

63. The roots of the quadratic equation  $X^2 - X - 1 = 0$  are

- (A)  $\left(\frac{-1-\sqrt{5}}{2}, \frac{-1+\sqrt{5}}{2}\right)$  (b)  $\left(\frac{-1-\sqrt{5}}{2}, -1-\sqrt{5}\right)$  (c)  $\left(\frac{-1+\sqrt{5}}{2}, \frac{1-\sqrt{5}}{2}\right)$  (d)  $\left(\frac{-1+\sqrt{5}}{2}, \frac{1+\sqrt{5}}{2}\right)$

64. The length of the perpendicular drawn from the point (1, 1) on the  $15x+8y+45=0$  is

- (a) 3 (b) 4 (c) 5 (d) 2

65. The equation of the line passing through the point of intersection of  $2x-y+5=0$  and  $x+y+1=0$  and the point (5, -2) is

- (a)  $3x+7y-1=0$  (b)  $x+2y+1=0$  (c)  $5x+6y+3=0$  (d) None of these

66. The point of intersection of the lines represented by  $2x^2 - 9xy + 4y^2 = 0$  is

- (a) (0, 0) (b) (0, 1) (c) (1, 0) (d) (1, 1)

67. If  $y=x+c$  is a tangent to the circle  $x^2 + y^2 = 8$ , then  $c$  is

- (a) +3 (b) +2 (c) +4 (d) +1

68. The equation of the parabola whose vertex is (1, 1) and focus is (4, 1) is

- (a)  $(y-1)^2 = 12(x-1)$  (b)  $(y-2)^2 = 13(x-2)$   
(c)  $(y-1)^2 = 10(x+1)$  (d) None of these

69. The elevation of the tower 100 meters away is 30°. The length of the tower is

- (a)  $75\sqrt{3}$  (b)  $75 \text{ mts}$  (c)  $125 \text{ mts}$  (d)  $100 \text{ mts}$   
 $\sqrt{3}$   $\sqrt{3}$   $\sqrt{3}$   $\sqrt{3}$

70. The smallest angle of a  $\triangle ABC$  whose sides are  $a = 1$ ,  $b = \sqrt{6} + \sqrt{2}$ ,  $c = 2 + \sqrt{3}$  is

- (A)  $20^\circ$  (b)  $90^\circ$  (c)  $75^\circ$  (d)  $15^\circ$

71. The value of  $\frac{2}{3} \log 8 - \frac{1}{2} \log \left(\frac{1}{4}\right)$  is

- (a)  $3 \log 2$  (b)  $2 \log 3$  (c)  $5 \log 3$  (d) None of these

72. If  $A = \begin{bmatrix} 3 & 1 \\ -1 & 2 \end{bmatrix}$ , then  $A^2 - 5A + 7I$  is

- (a)  $\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$  (b)  $\begin{bmatrix} 0 & 1 \\ 1 & 0 \end{bmatrix}$  (c)  $\begin{bmatrix} 0 & 0 \\ 0 & 1 \end{bmatrix}$  (d) None of these

73. Area of the parallelogram whose adjacent sides are  $i+j-k$  and  $2i-j+k$  is

- (a)  $2\sqrt{3}$  (b)  $3\sqrt{5}$  (c)  $3\sqrt{2}$  (d)  $5\sqrt{3}$



74. If for an individual series, assumed mean,  $A=25$ ,  $Sd=121$  for  $d=X-A$  and  $N=7$ , then the mean of the series is  
(a) 20                      (b) 21                      (c) 22                      (d) 6.57
75. For a leptokurtic frequency curve, the measure of Kurtosis is  
(a)  $\alpha_4=0$                       (b)  $\alpha_4=-3$                       (c)  $\alpha_4<1$                       (d)  $\alpha_4>3$
76. In a city 60% read news paper A, 40% read news paper B and 30% read A and C, 20% read A and B, 30% read A and C, 10% read B and C. Also 15% read paper A, B and C. The percentage of people who do not read any of these news papers is  
(a) 65%                      (b) 15%                      (c) 45%                      (d) None of these
77. WORM is  
(a) Write once Read More                      (b) Write Once Read Memory  
(c) Write Once Read Many                      (d) Write One Read Memory
78. 1 MB is  
(a) 1024 KB                      (b) 1023 KB                      (c) 1024 bytes                      (d) 1023 bytes
79. A tank can be filled by a pipe in 25 sec. It can be emptied by another pipe in 20 sec. Both pipes are opened when the tank is full. How soon will it be empty ?  
(a) 10 sec                      (b) 100 sec                      (c) 40 sec                      (d) 110 sec
80. On sports day, if 30 children were made to stand in a column, 16 columns could be formed. If 24 children were made to stand in a column, how many columns could be formed ?  
(a) 18                      (b) 32                      (c) 20                      (d) 12

\* \* \* \* \*



## Frequently Asked Questions (FAQ's)

**1. I want to apply for MCA course under Non-Karnataka quota. Which seats are available for me?**

Non-Karnataka students are not eligible for seats in Government colleges and University departments. They are eligible only for surrendered management seats of the Private institutions.

**2. I have not received the admission ticket – what I have to do?**

Admission tickets will be sent to the home address furnished by the candidates in the application form. If any candidate fails to receive the admission ticket they can download the same from the KEA website <http://kea.kar.nic.in> If the admission ticket is not found even on the website contact the KEA office with a photocopy of the filled application form.

**3. Whether I can get the detailed fee structure of the colleges from KEA?**

KEA will publish the fee structure on its website <http://kea.kar.nic.in> for the information of the candidates as notified by the Government before the commencement of the seat selection process. However candidates have to contact the colleges for details of other fees to be paid by them at the time of admission.

**4. Whether the fees can be paid in the form of CASH / CHEQUE during counseling?**

No. Candidates have to bring the fees only in the form of demand draft drawn in favour of “**The Executive Director, Karnataka Examinations Authority**”, payable at Bangalore. Fees will not be accepted in the form of CASH / CHEQUE and DD's will not be issued at the KEA premises.

**5. Which are the documents required to surrender a seat?**

Candidate has to surrender the original admission order, bank challan and acknowledgment card along with a request letter at the time of surrendering a seat at KEA. The seat has to be surrendered only in KEA.

**6. I am appearing for MBA or M.E. / M.Tech., PG CET-2011 also, what I am supposed to do?**

If you are appearing other than MCA i.e., MBA or M.E. / M.Tech., then enclose the copy of the filled application form along with other documents or write the MBA or M.E. / M.Tech., application number on a white paper and send it along with other documents.

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