

BHARATHI STUDY CENTRE
MADURAI/TRICHY
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TRB PG 2012 ANSWER KEYS

SUBJECT: CHEMISTRY SERIES: C

for other series see last column for detailed answer

QUES.NO.	ANS	UNIT.	(our study material)page	detailed ans for other
1	C	1		Hg
2	C	2	2	ionisation
3	D	2	15	DMG
4	D	7	3	5.92
5	B	2	23	3
6	A	2	42	R
7	D	2	52	Z
8	C	2	29	sec butyl chloride
9	B	3	II ND REV. QN	trans
10	B	2	74	gauche
11	D	3	PART 9. PAGE 3	guanine
12	B	3	PART V PAGE 12	quinoline
13	C	3	PART VIII PAGE 3	violet
14	B	4	4	photoelectric effe
15	A	4	42	3
16	A	4	CLASS NOTES	F2
17	B			6
18	B	4	6	paschen
19	D	4	MODEL TEST QN.NO.12	λ_{ikx}
20	B	4	33	$(n+1/2)h\nu$
21	C		BT QN BANK	λ_{M-1s-1}
22	D	9	9	OH-
23	B		QUESTION BANK	$C_6H_5NH_3^+$
24	A		QUESTION BANK	
25	C	9	10	MICHALEIS MENTEN
26	B	9	31	$Zn/Zn^{2+}/Cu^{2+}/Cu$
27	B	9	35	BUTLERVOLMER
28	C	9	30	E_0 is +ve

29	C	9	36	DME
30	C	10	22	C6H5CH2COOH
31	B	4	CLASS NOTES	3
32	A	4	CLASS NOTES	SP3
33	B	4	31	3
34	C	10	6	6
35	C		BT QN BANK	DE=/0and Dm=/0
36	C	5	4	partial molar volume
37	B	5	REV.TEST 2 QN NO.66	photon
38	B	5	5	fugacity
39	B	7	23	45
40	D	5	29	H2O
41	B	1	7	flourine
42	B	1	5	Si
43	C		MODEL EXAM 1 QN. NO.77	Aceto nitrile
44	C	1	4	H2
45	B	1	57	AgCl
46	B	1	12 STD STATE BOARD TEXT	6.1
47	A	1	67	CoFe2O4
48	C	1	17	SP3d2
49	C	1	54	8
50	C	1	62	gallium
51	B	6	24	hydroformylation
52	B		BT QN BANK	(Cr(CO)6)+
53	B	6	25	Isotactic
54	B			reductive elimina
55	B			photoanation
56	B			phosphorescence
57	A	7	22	5Do
58	D			(Ti(CO)6)2+
59	D	7	31	(Ru(bpy)3)2+
60	D	7	29	d5(HS)
61	B	3	PART V. PAGE 5	2
62	A	8	8	toluene
63	*			
64	C	3	PART 3. PAGE 10	C6H5CH=CHC6H5(CIS)
65	D	8	47	photosubtitution
66	C		BT QN BANK	butanone+acetaldehyde
67	B	8	42	favourski rearrge
68	C	8	60	

69	D	9	21	3.2*10-11
70	D	9	6	hammet egtn
71	A	7	13	singlet
72	C	10	22	Antistokes
73	*			
74	D	10	20	PES
75	C	10	54	RADIOWAVE
76	C	10	27	syndiotactic poly
77	D	10	42	silicone
78	C	10	29	polystyrene
79	C	10	44	B3N3H6
80	B	10	35	PHENOL RESI
81	C	2	23	Ni ²⁺
82	B	2	49	-130
83	B		BT QN BANK	1,4-dibromo-2butne
84	D		BT QN BANK	1-bromopentane
85	C	3	3	recimisation
86	D	3	PART 2. PAGE.11	3>2>4>1
87	A	3	PART IV. LAST PAGE	1-pentene
88	A	3	PART III , PAGE 5	3-methy-1 butanol
89	C	3	PART V PAGE .1	morphine
90	B	3	PART VI PAGE.3	starch
91	D	10	REV.QN	7
92	B	7	13	4
93	C	7	9	pot.ferro cyanide
94	C	10	19	(Fe(CN) ₆) ⁴⁻
95	B	7	PART.1 PAGE.14	Cu ⁺
96	D	7	PART II. PAGE.4	2
97	B		MODEL QN. NO.87	EPR
98	A	8	IA, 2	(8) ANNULENE
99	D	8	17	isopropylbenzene
100	D	8	13	SO ₃
101	A	5	22	5
102	B	5	24	Rf
103	D	5	34	ny=2dsin0
104	B			alumina
105	A	5	31	positive
106	C	6	17	kalpakkam
107	D	6	11	8and6
108	C	6	13	8

109	C	7		tracer technique
110	B	6	3	931.5
111	C			46 chromosome
112	B			rote memory
113	D			all of them
114	D			hull
115	B			1949
116	D			navodhaya
117	*			
118	D			all of them
119	C			1986
120	B			village level
121	A			postal
122	C			froebel
123	B			1969
124	A			McDonald
125	C			tagore
126	D			none of these
127	A			nilgiris
128	B			usa
129	A			Jun-12
130	A			school
131	A			negative education
132	A			russel
133	C			women
134	A			west bengal
135	A			krishnamoorthy
136	C			masons disk
137	A			single factor
138	C			freud
139	A			8 types
140	*			
141	C			korkai
142	B			rabindranath tagore
143	C			priyadharshi
144	A			kharaj
145	D			freon12
146	A			ban ki moon
147	B			26th january1950
148	D			12

149	D			1975
150	A			natinl bank agri
For any clarification about the key please contact : 9894274672 and 9786431578				
QUESTION ANALYSIS;				

This year question is easier than the previous questions. Questions are not high standard. Most of the areas have been covered but questions are not deep. A few questions were asked from UG syllabus related to the PG syllabus.

Note: for more than 90% of the questions, the answers available in our study materials. Those who have attended all the classes without fail and did all the tests well will get post cut off marks: anything above 110 mark will be safe (plus or minus 5 questions)