



CAREER ENDEAVOUR
Best Institute for IIT-JAM, NET & GATE

D.U. M.Sc. Chemistry Entrance Previous Years Paper Analysis

S. No.	UNIT	2018	2017	2016	2015	2014
ORGANIC CHEMISTRY						
1.	GOC	2	4	3	2	3
2.	Aromaticity	1	2	—	1	1
3.	Stereochemistry	6	2	2	2	1
4.	Reaction Mechanism	9	9	8	8	2
5.	Named Reaction	3	5	2	—	—
6.	Reagents	6	9	3	2	3
7.	Pericyclic	1	—	1	—	—
8.	Natural Product	3	1	6	2	2
9.	Heterocyclic	1	2	—	1	1
10.	Spectroscopy (organic)	4	4	3	2	6
INORGANIC CHEMISTRY						
11.	Main Group	7	9	7	4	2
12.	Coordination	7	6	5	6	8
13.	Organometallic	—	—	2	3	1
14.	Radioactivity	2	1	2	1	1
15.	Chemical Bonding	6	3	3	2	5
16.	Periodicity	1	1	—	—	1
17.	Inner transition metal	1	1	1	—	1
18.	Metallurgy	2	—	—	—	—
19.	Bioinorganic	2	2	2	1	1
20.	Analytical Chemistry	5	1	2	—	—
21.	Acid Base	1	3	1	1	—
PHYSICAL CHEMISTRY						
22.	Atomic Structure	2	3	5	—	2
23.	Thermodynamics	3	4	3	2	3
24.	Electrochemistry	5	2	3	1	1
25.	Kinetics	6	4	4	5	1
26.	Surface chemistry	4	2	1	—	1
27.	Molecular spectra	1	2	3	3	4
28.	Kinetic theory of gases	2	2	2	1	4
29.	Solution & Mole concepts	3 + 1	1	6 + 1	3	1
30.	Equilibria	1	8	5	4	3
31.	Solid State	2	5	2	—	1
Total Questions		100	100	90	60	60

2018 and 2017 → for correct answer carry 4 marks each, and incorrect will deducted 1 mark each.

2016 → for correct answer carry 3 marks each, and incorrect will deducted 1 mark each.