PUBLIC QUESTION ANALYSIS - CLASS 12

	GMQ-2019		MARCH-2020		SEPTEMBER-2020		SEPTEMBER-2021		MAY-2022	
	2M		**2M**		**2M**		**2M**		**2M**	
21	Creative		Example 2.4	I 63	Creative (NDA 2021)		Example 2.7	I 64	Creative (properties)	
22	Example 2.12	VI 69	Exercise 2.9(18)	I 94	Exercise 2.6(3)(iii)	I 75	Creative		Example 3.9	I 110
23	Creative		Exercise 4.1(4)(ii)	I 137	Exercise 3.1(8)	I 107	Exercise 4.1(5)	I 137	Example 4.8	I 146
24	Example 5.18	I 192	Example 6.11	I 230	Example 4.8	I 146	Exercise 6.2(6)	I 237	Example 7.12	II 10
25	Exercise 6.3(8)	I 242	Example 7.20	II 16	Exercise 6.3(8)	I 242	Example 7.42	II 29	Exercise 8.2(2)(i)	II 67
26	Exercise 7.1(5)	II 8	Exercise 8.2(2)(i)	II 67	Example 7.35	II 27	Example 8.6	II 67	Exercise 10.4(1)(ii)	II 157
27	Example 9.44	II 121	Creative		Exercise 9.3(i)(i)	II 112	Exercise 10.5(4)(i)	II 161	Exercise 10.5(4)(i)	II 161
28	Exercise 10.4(5)	II 157	Example 10.5	II 153	Creative (RD sharma book) Exercise 22.02(3.4)	16	Exercise 11.3(6)	II 203	Example 11.10 (K value)	II 193
29	Example 11.18	II 209	Theorem 12.1	II 228	Creative		Exercise 11.3(1)	II 202	Exercise 11.1(1)	II 184
30	Creative		Creative		Creative		Creative		Exercise 6.10(19)	I 278
	3M		**3M**		**3M**		**3M**		**3M**	
31	Exercise 1.2(3)(i)	I 27	Example 1.8	I 10	Example 1.9	I 11	Exercise 1.2(1)(V)	I 27	Exercise 1.2(2)(ii)	I 27
32	Exercise 2.8(6)	I 92	Example 3.7	I 106	Exercise 1.1(6)	I 16	Exercise 1.1(6)	I 16	Example 1.22	I 31
33	Exercise 3.5(6)	I 124	Example 5.33	I 209	Example 3.19	I 116	Example 2.14	I 70	Exercise 2.5(3)	I 72
34	Creative		Example 6.27	I 246	Exercise 5.1(7)	I 182	Exercise 3.1(1)	I 106	Exercise 3.3(6)(i)	I 117
35	Example 6.55	I 274	Creative		Example 6.4	I 226	Exercise 5.2(1)(i)	I 196	Example 6.11	I 230
36	Example 7.40	II 29	Exercise 8.4(4)	II 79	Exercise 7.6(i)(i)	II 40	Creative		Exercise 7.5(2)	II 31
37	Exercise 8.1(3)(i)	II 64	Example 11.10(i)	II 193	Creative		Exercise 7.2(2)	II 14	Exercise 8.2(7)	II 68
38	Creative		Example 10.4 [old text book]	II 174	Exercise 11.2(1)	II 194	Exercise 8.2(6)	II 68	Example 9.8	II 100
39	Example 10.24	II 168	Example 12.17	II 247	Example 11.21(i)	II 216	Exercise 12.1(5)(i)	II 235	Exercise 12.1(3)	II 235
40	Creative		Creative		Example 9.10(ii) Old textbook	II 144	Creative		Example 5.4 (values changed)	I 176
	5M		**5M**		**5M**		**5M** Cramer's rule		**5M**	
41	(a) Exercise 1.7(3)	I 47	(a) Example 1.32	I 40	(a) Exercise 1.6(1)(iii)	I 42	(a) Exercise 1.6(1)(i)	I 42	(a) Exercise 1.6(1)(ii)	I 42
	(b) Exercise 2.7(6)	I 83	(b) Exercise 2.8(4)(iii)(iv)	I 92	(b) Property 2	I 80	(b) Exercise 7.1(2)	II 8	(b) Example 7.60	II 43
42	(a) Creative		(a) Fig 4.13 & Fig 4.14	I 141	(a) Graph of tanx & tan⁻¹x	I 146	(a) Exercise 2.6(1)	I 75	(a) Exercise 2.6(3)(iii)	I 75
	(b) Example 4.28	I 165	(b) Example 5.10	I 178	(b) Example 5.26	I 195	(b) Exercise 9.3(1)(iii)	II 112	(b) Example 9.26	II 110
43	(a) Exercise 5.5(7)	I 215	(a) Exercise 5.5(8)	I 215	(a) Exercise 5.5(7)	I 215	(a) Exercise 4.2(8)(ii)	I 143	(a) Example 5.16	I 192
	(b) Creative		(b) Example 6.3	I 226	(b) Exercise 6.1(9)	I 231	(b) NCERT Exercise 11.3(3) 11th text book	II 255	(b) Exercise 4.4(2)(iii)	I 155
44	(a) Example 7.64	II 46	(a) Example 6.43	I 262	(a) Exercise 6.7(4)	I 263	(a) Exercise 10.5(4)(V)	II 162	(a) Example 5.32	I 209
	(b) Creative		(b) Example 9.30	II 112	(b) Exercise 7.8(8)	II 47	(b) Exercise 12.2(8)(ii)	II 249	(b) Exercise 6.1(10)	I 231
45	(a) Example 9.55	II 130	(a) Exercise 7.1(10)	II 9	(a) Example 9.28	II 111	(a) Exercise 6.1(9)	I 231	(a) Exercise 6.7(2)	I 263
	(b) Exercise 10.8(7)	II 174	(b) Example 9.53	II 128	(b) Exercise 10.8(9)	II 174	(b) Exercise 7.8(2)	II 47	(b) Creative [RD sharma] Exercise 6.5(9)	42
46	(a) Exercise 11.2(4)	II 194	(a) Creative		(a) Exercise 10.5(4)(iv)	II 161	(a) Exercise 5.5(9)	I 215	(a) Creative	
	(b) Exercise 12.2(13)	II 248	(b) Exercise 10.5(1)	II 161	(b) Exercise 11.5(8)	II 218	(b) Exercise 11.2(6)	II 194	(b) Exercise 9.8(1)	II 134
47	(a) Exercise 6.1(10)	I 231	(a) Example 10.29	II 172	(a) Creative		(a) Exercise 9.8(1)	II 134	(a) Example 10.11	II 158
	(b) Creative		(b) Exercise 11.2(1)	II 194	(b) NCERT EXEMPLAR PROBLEMS	(31) 178	(b) Exercise (2.8)(11) Old text book	I 93	(b) Exercise 12.2(14)	II 249

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No.	Reference	Vol	Pg
21	Exercise 8.2(2)(ii)	II	67
22	Creative		
23	Creative		
24	Example 6.30	I	248
25	Exercise 7.2(5)(i)	II	15
26	Exercise 2.3(2)(i)	I	60
27	Exercise 10.4(1)(ii)	II	157
28	Exercise 11.2(6)(i)	II	194
29	Exercise 11.3(3)(i)	II	202
30	Creative		

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No.	Reference	Vol	Pg
31	Example 1.9	I	11
32	Exercise 1.2(i)(iv)	I	27
33	Example 2.17	I	72
34	Creative		
35	Exercise 5.1(11)(ii)	I	182
36	Exercise 6.1(11)	I	231
37	Example 7.40	II	29
38	Exercise 8.2(10)	II	68
39	Example 12.6(i)(ii)	II	230
40	Creative		

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No.	Reference	Vol	Pg
41 (a)	Exercise 1.4(1)(iii)	I	35
(b)	Example 7.5	II	5
42 (a)	Exercise 2.4(7)(i)	I	65
(b)	Example 9.49	II	126
43 (a)	Exercise 4.1(7)	I	137
(b)	Example 5.34	I	210
44 (a)	Exercise 10.7(3)	II	169
(b)	Exercise 12.2(7)(iii)	II	249
45 (a)	Exercise 6.1(9)	I	231
(b)	Exercise 7.8(8)	II	47
46 (a)	Exercise 5.2(5)(i)	I	197
(b)	Exercise 11.2(7)	II	194
47 (a)	Maharashtra TB PART II M3	II	194
(b)	Intercept form of equation of a plane	II	257

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No.	Reference	Vol	Pg
21	Example 2.13	I	69
22	Exercise 3.1(9)	I	107
23	Example 5.12	I	181
24	Example 8.7	II	67
25	Example 9.35	II	116
26	Exercise 6.6(1)	I	259
27	Example 12.8	II	232
28	Example 1.11	I	13
29	Example 7.11	II	10
30	Creative		

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No.	Reference	Vol	Pg
31	Example 5.18	I	192
32	Example 5.32	I	209
33	Exercise 4.2(7)	I	143
34	Example 6.28	I	246
35	Exercise 8.1(2)(i)	II	64
36	Exercise 10.5(4)(viii)	II	162
37	Exercise 1.1(3)	I	15
38	Exercise 12.2(10)	II	249
39	Example 2.7	I	64
40	Creative		

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No.	Reference	Vol	Pg
41 (a)	Example 2.34	I	90
(b)	Exercise 10.7(9)	II	169
42 (a)	Exercise 6.1(9)	I	231
(b)	Exercise 11.3(3)	II	202
43 (a)	Exercise 5.2(8)(v)	I	197
(b)	Example 4.22	I	163
44 (a)	Exercise 1.5(4)	I	37
(b)	Example 7.18	II	14
45 (a)	Exercise 6.7(5)	I	263
(b)	Exercise 3.5(7)	I	124
46 (a)	Exercise 12.2(15)	II	249
(b)	Exercise 10.8(5)	II	174
47 (a)	Creative		
(b)	NCERT ME8(9) MISCELLANEOUS EXERCISES	II	375

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No.	Reference	Vol	Pg
21	Exercise 1.1(9)	I	16
22	Example 2.24	I	80
23	Example 5.24	I	195
24	Example 6.49	I	269
25	Example 7.47	II	34
26	Exercise 8.1(7)	II	64
27	Exercise 9.7(1)(i)	II	122
28	Exercise 10.2(2)	II	152
29	Example 11.6	II	186
30	Example 12.8	II	232

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No.	Reference	Vol	Pg
31	Exercise 1.3(1)(i)	I	33
32	Triangle inequality	I	66
33	Exercise 4.1(7)	I	137
34	Example 6.4	I	226
35	Exercise 7.8(1)	II	47
36	Exercise 8.4(4)	II	79
37	Exercise 5.4(7)	I	207
38	Exercise 10.8(2)	II	174
39	Example 12.18	II	247
40	Example 3.30	I	126

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No.	Reference	Vol	Pg
41 (a)	Example 1.25	I	34
(b)	Example 4.28	I	165
42 (a)	Exercise 2.7(6)	I	83
(b)	Example 8.22	II	85
43 (a)	Exercise 7.5(10)	II	32
(b)	Exercise 6.3(4)(i)	I	242
44 (a)	Example 3.18	I	115
(b)	Example 10.11	II	158
45 (a)	Exercise 5.1(6)	I	182
(b)	Example 11.21	II	216
46 (a)	Exercise 6.5(7)	I	255
(b)	Example 9.59	II	132
47 (a)	Exercise 7.1(3)	II	8
(b)	Exercise 12.1(9)	II	236

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No.	Reference	Vol	Pg
21	Exercise 2.1(3)	I	54
22	Example 3.2	I	101
23	Exercise 8.2(2)(ii)	II	67
24	Example 10.2	II	152
25	Exercise 11.4(1)(iii)	II	210
26	Example 5.1	I	175
27	Exercise 1.2(1)(ii)	I	27
28	Exercise 9.6(1)(i)	II	120
29	Example 7.33	II	26
30	Creative		

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No.	Reference	Vol	Pg
31	Example 4.15	I	154
32	Example 5.29	I	205
33	Exercise 6.3(3)	I	242
34	Exercise 8.7(4)	II	86
35	Exercise 7.8(1)	II	47
36	Exercise 9.3(2)(x)	II	113
37	Example 2.4	I	63
38	Example 10.11	II	158
39	Exercise 11.2(1)	II	194
40	Creative		

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No.	Reference	Vol	Pg
41 (a)	Example 7.14	II	11
(b)	Example 4.28	I	165
42 (a)	Exercise 11.2(2)	II	194
(b)	Exercise 2.6(2)	I	75
43 (a)	Exercise 7.1(8)	I	227
(b)	Example 6.5	I	215
44 (a)	Exercise 5.5(8)	II	169
(b)	Exercise 10.7(3)	II	169
45 (a)	Exercise 10.8(1)	II	174
(b)	Exercise 2.8(7) Old book	I	92
46 (a)	Example 9.49	II	126
(b)	Exercise 5.2(4)(v)	I	197
47 (a)	Exercise 9.3(4) Old book	II	145
(b)	Exercise 1.4(1)(iv)	I	35

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No.	Reference	Vol	Pg
21	Example 2.7	I	64
22	Example 3.11	I	111
23	Example 8.21	II	85
24	Example 10.3	II	152
25	Exercise 1.1(9)	I	16
26	Exercise 5.1(5)	I	182
27	Example 11.13	II	199
28	Exercise 4.3(2)(i)	I	147
29	Example 7.47	II	34
30	Exercise 6.2(3)	I	237

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No.	Reference	Vol	Pg
31	Exercise 1.2(2)(iii)	I	27
32	Exercise 5.2(2)(i)	I	196
33	Example 7.4	II	5
34	Exercise 12.2(9)	II	249
35	Exercise 2.5(10)(ii)	I	72
36	Exercise 6.6(3)	II	259
37	Example 10.11	II	158
38	Exercise 8.1(7)	II	64
39	Exercise 3.2(3)	I	112
40	Example 9.5	II	99

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No.	Reference	Vol	Pg
41 (a)	Exercise 1.3(1)(iii)	I	33
(b)	Example 9.54	II	129
42 (a)	Exercise 4.5(6)	I	166
(b)	Exercise 5.2(8)(vi)	I	197
43 (a)	Exercise 7.2(9)	II	15
(b)	Exercise 6.1(9)	I	231
44 (a)	Example 6.23(i)	I	241
(b)	Exercise 10.8(2)	II	174
45 (a)	Exercise 5.5(1)	I	214
(b)	Example 11.21	II	216
46 (a)	Example 9.29	II	111
(b)	Example 12.10	II	234
47 (a)	Example 2.27	I	82
(b)	Exercise 7.8(8)	II	47

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