

TYPE - A		PART - I	TYPE - B		PART - I	PART - II & PART - III		PART - IV			
1	(d)	$\frac{n(n+1)}{2}$	1	(c)	$\frac{1}{5}$	21	Example 4.23	IPg 165	41	(a) Example 2.26	IPg 70
2	(c)	3	2	(a)	$\frac{1}{2}a^2$	22	Exercise 6.3 (I)	IPg 271		(b) Exercise 10.4 (24)	IPg 176
3	(a)	$\frac{1}{2}a^2$	3	(a)	$P(A/B) \geq P(A)$	23	Example 7.17	II Pg 23	42	(a) Exercise 8.1 (12)	II Pg 60
4	(b)	$2^n$	4	(c)	10	24	Exercise 12.2 (I)(iv)	II Pg 250		(b) Creative	
5	(a)	$P(A/B) \geq P(A)$	5	(d)	18	25	Example 8.20	II Pg 77	43	(a) Exercise 2.12 (7)	IPg 80
6	(d)	0	6	(b)	$\sqrt{\tan x} + C$	26	Exercise 1.3 (6)	I Pg 37		(b) Exercise 12.4 (2)	II Pg 266
7	(d)	4	7	(c)	3	27	Exercise 3.4 (20)(ii)	I Pg 110	44	(a) Example 11.40 (i)	II Pg 220
8	(c)	3	8	(c)	3	28	Example 10.33	II Pg 174		(b) Exercise 3.5 (9)	IPg 118
9	(c)	$\frac{1}{5}$	9	(c)	$[0, 9]$	29	Example 6.33	I Pg 273	45	(a) Exercise 5.4 (3)	IPg 231
10	(a)	26	10	(d)	$4\hat{i} + 5\hat{j}$	30	Creative	No. of ways = $\frac{5!}{2!} = \frac{120}{2} = 60$		(b) Example 1.30	IPg 33
11	(c)	10	11	(a)	0	31	Exercise 2.11 (7)	I Pg 77	46	(a) Theorem 3.2	IPg 135
12	(a)	$\frac{-4}{15}$	12	(a)	0	32	Example 11.33 (i)	II Pg 207		(b) Example 6.38	IPg 279
13	(a)	0	13	(c)	$\cos x e^{\sin x}$	33	Exercise 5.3 (3)(ii)	IPg 220	47	(a) Exercise 7.3 (4)	II Pg 34
14	(c)	$\cos x e^{\sin x}$	14	(b)	$2^n$	34	Example 9.13	II Pg 100		(b) Example 4.66	IPg 192
15	(d)	18	15	(a)	$\frac{-4}{15}$	35	Example 10.7 (v)	II Pg 159			
16	(d)	$4\hat{i} + 5\hat{j}$	16	(d)	$\log\left(\frac{a}{b}\right)$	36	Exercise 4.3 (3)	IPg 186			
17	(b)	$\sqrt{\tan x} + C$	17	(d)	$\frac{n(n+1)}{2}$	37	Exercise 3.4 (5)(i)	IPg 109			
18	(a)	0	18	(d)	0	38	Exercise 1.3 (3)	IPg 37			
19	(c)	$[0, 9]$	19	(a)	26	39	Exercise 8.2 (7)	II Pg 68			
20	(d)	$\log\left(\frac{a}{b}\right)$				40	Creative				

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