

T. UTHIRAPANDI

P.G. ASST (MATHS)

QHSS, UMARIKADU

THOOTHUKUDI (D-T)

call no.: 9443406295

Sl. No.	Chap Name	Page - BH/TH	Question No.	In Book	Correct
1	App. of Mat & det	34	1.26	(30, 18)	(40, 22)
2	"	137	3	Rs 4800, Rs 600	Rs 5000, Rs 800
3	"	42	1(ii)	Book Answer $x = \frac{1}{10} (7-4b)$	$x = \frac{1}{10} (7-5b)$
4	"	42	3	(i) $\lambda = 5, \mu \neq 9$ (ii) $\lambda \neq 5, \mu = 9$ (iii) $\lambda = 5, \mu = 9$	(i) $\lambda = 5, \mu \neq 9$ (ii) $\lambda \neq 5, \mu \in \mathbb{R}$ (iii) $\lambda = 5, \mu = 9$
5	Complex Numbers	72	3	Book Answer 4) $11+6i$	Correct 3) $11+6i$
6	"	72	10 (6b)	Book Answer $9(i\sqrt{2}) \pm (\sqrt{2}-2i\sqrt{2})$	$10(i\sqrt{2}) \pm (\sqrt{2} \pm 2i\sqrt{2})$
7	"	92	9	Book Answer SP 1 (wrong)	(i) $2\sqrt{2} e^{i\frac{\pi}{4}}$ (ii) $2\sqrt{2} e^{i\frac{5\pi}{4}}$ (iii) $2\sqrt{2} e^{i\frac{3\pi}{4}}$
8	Theory of Equ.	106	1	Book answer 8	60
9	"	<del>106</del> 106	2 (6b)	Book Answer $2x^3 - 7x^2 + 7x - 2 = 0$	$x^3 - 4x^2 - 4x + 16 = 0$
10	"	107	8	Book Answer $2x^2 + 13x + 20 = 0$	$2x^2 - 3x - 20 = 0$
11	"	118	Eg: 3.24	$(2x-3)(6x-1)(3x-2)$ $(x-12)-2=0$	$(2x-3)(6x-1)(3x-2)$ $(x-2)-7=0$
12	"	124	1 (c)	$\frac{1}{2} + 2\pi n$	$\frac{1}{2} + n\pi + (2\pi)n$

13	Trig of Bqs.	124	5 (c)	Book Answer 1) $-1, 2\frac{1}{2}, 3, \frac{1}{3}$	2) $\frac{1}{2}, 3, \frac{1}{3}$	25
14	"	124	6	Book Answer - 2, 2, 3	2, 3	26
15	"	127	4	Book Answer 2) $-\frac{1}{\sqrt{}}$	1) $-\frac{2}{\sqrt{}}$	27
16	"	127	5	Book Answer		
17	"	128	9	2) $\frac{5}{4}$ 1) one night and in jing zao	3) $\frac{4}{5}$ No Answer	28
18	Inverse Trig fn.	143	8 (cc)	Book Answer $-\frac{7\pi}{12}$	$\frac{17\pi}{12}$	
19	"	147	2 (cc)	Book Answer $\frac{5\pi}{6}$	$-\frac{\pi}{6}$	
20	A + G - EV	182	9	Book Answer $2 + 5y - 12 = 0$	$5x + 8 - 12 = 0$	
21	"	197	4 (iv)	Focus (1, 4)	(1, -4)	
22	"	207	6	<del>10x + 3y - 12 = 0</del> $3x + 19 - 12 = 0$	<del>10x + 3y - 12 = 0</del> $3x + 4y - 42 = 0$	
23	"	206	2	$10x + 3y - 12 = 0$	$10x - 3y - 12 = 0$	
24	"	214	6	45.41, 74.48	90.82, 148.91	

(25)	Appl. of Vector Algebra	249	3	$(\frac{32}{0}, 0, \frac{47}{3})$	$(\frac{32}{3}, 0, \frac{47}{3})$
(26)	"	249	5 (6)	$\cos^{-1}(\frac{9}{2\sqrt{3}})$	$\frac{\pi}{6}$
(27)	"	263	6	$2x + 3y + 4z = 16$	$10x + 3y + 8z - 32 = 0$
(28)	"	276	5	$2x - 3y + 5z - 11 = 0$	$2x + 3y + 5z + 11 = 0$
(29)	"	276	(one word) 5	3(2)	1(1)

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13	Thry of Bqr.	124	5 (c)	Book Answer 1, -1, 2, $\frac{1}{2}$ , 3, $\frac{1}{3}$	2, $\frac{1}{2}$ , 3, $\frac{1}{3}$
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18	Increase	143	8 (cc)	Book Answer - $\frac{7\pi}{12}$	$\frac{17\pi}{12}$
19	"	147	2 (cc)	Book Answer $\frac{\pi}{6}$	- $\frac{\pi}{6}$
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21	"	197	4 (iv)	Focus (1, 4)	(1, -4)
22	"	207	6	<del>10x + 3y - 12 = 0</del> $3x + 4y - 12 = 0$	<del>10x + 3y - 12 = 0</del> $3x + 4y - 42 = 0$
23	"	206	2	$10x + 3y - 12 = 0$	$10x - 3y - 12 = 0$
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25	"			101	

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(27)	,,	263	6	$2x + 3y + 4z - 16 = 0$	$16x + 3y + 8z - 32 = 0$
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