









		(iii) Types of problems (a) Diet Problem	***	Q. Nos 1, 2 and 9 Ex. 12.2 Solved Example 9 Q. Nos 2 and 3 Misc. Ex.
		(b) Manufacturing Problem	***	Solved Example 8 Q. Nos 3,4,5,6,7 of Ex. 12.2 Solved Example 10 Q. Nos 4 & 10 Misc. Ex.
		(c) Allocation Problem	**	Solved Example 7 Q. No 10 Ex.12.2, Q. No 5 & 8 Misc. Ex.
		(d) Transportation Problem	*	Solved Example 11 Q. Nos 6 & 7 Misc. Ex.
		(e) Miscellaneous Problems	**	Q. No 8 Ex. 12.2
12	<b>Probability</b>	(i) Conditional Probability	***	<b>Article 13.2 and 13.2.1</b> Solved Examples 1 to 6 Q. Nos 1 and 5 to 15 Ex. 13.1
		(ii) Multiplication theorem on probability	**	<b>Article 13.3</b> Solved Examples 8 & 9 Q. Nos 2, 3, 13 14 & 16 Ex.13.2
		(iii) Independent Events	***	<b>Article 13.4</b> Solved Examples 10 to 14 Q. Nos 1, 6, 7, 8 and 11 Ex.13.2
		(iv) Baye's theorem, partition of sample space and Theorem of total probability	***	<b>Articles 13.5, 13.5.1, 13.5.2</b> Solved Examples 15 to 21, 33 & 37 ,Q. Nos 1 to 12 Ex.13.3 Q. Nos 13 & 16 Misc. Ex.
		(v) Random variables & probability distribution Mean & variance of random variables	***	<b>Articles 13.6, 13.6.1, 13.6.2 &amp; 13.6.2</b> Solved Examples 24 to 29 Q. Nos 1 & 4 to 15 Ex. 13.4
		(vi) Bernoulli's trials and Binomial Distribution	***	<b>Articles 13.7, 13.7.1 &amp; 13.7.2</b> Solved Examples 31 & 32 Q. Nos 1 to 13 Ex.13.5