AME: KRUNAL RANK ROLL 10: 11860081 CLASS: BTECH JAH LEAR JEMESTER: ) | VISION :-

Cauptography and Notwork Security Totorial 400 00 1 1 Diffusion Confusion Diffusion is used to create · Confusion is a cryptographic cryptic plaintents. technique which is used to create faint cipher The technique is passible · The technique is possible Through transposition or through Substitution permutation techniques. techniques. · In confusion, if one bit WIn diffusion, if one paid of plain tent is modified, many or all images in . wither tent will be modified. Within the secret ois modified, most or all bits in appear text will be mo dified · Vagveness is in creased. · Redundancy of plaintent is increased. - Grample: - Rail fonce cipher · Example: Stream cipher, Caesar Cipher. The secret needs to be of the same length on to that of the nessage which is probelma problematic for large reeds to be generated and shared with the vacciner well in a secure manner that makes this protocol practically I illogical.

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Ans 3	Some modes of operations work in such a way that only
	Englip values are ever encrypted, forming a stream of
N. A.S.	Some modes of operations work in such a way that only known values are even encrypted, forming a stream of pseudo random data that is then combined with the plainte
To Bar	by a keyless reversible operation (often now) to form
<b>表</b> 要的	the ciphertent.
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	Other modes directly encrypt secret values meaning decryption is required to find out what the secret value
	decreption is required to find out what the secret value
	this the one that pad achieve partect some which he
	estable to be the set
Ansy.	In one time pad technique a key equal to the length of
MEN	In one time pad technique, a key equal to the length of plain text needs to be generated every time a transmi
A MANAGEMENT	encryption is carried out.
	On the other stream cipher technique uses a key of fixed length to create a unique key equal to the length po of plain text to then carry out the encryption process.
N-	length to create a unique key equal to the bright of plain
	text to then carry out the encryption process.
	Covered to state of the state o
	One home pad is an impractical method but provides
	pedict-secrecy man sales in minutures and to a
	Stream cipher compromises with perfect secracy to provide a method that is fearible and semantically secret.
1	a method that is feasible and semantically secret.
Λ	the trade and the subject but also with the
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	Cil I I Tiro Maria Para
L. als	Cipher tent: TICR MIGUIRTIR Plain tent: CRYPTOGRAPHY
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	Possible Key = RRECTCORRECT
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