



SYMMETRIC ENCRYPTION Module 3

represented
by

modeled by

Referred to
as conventional
or single-key
encryption

Universal
technique
for providing
confidentiality
for transmitted

plaintext
input

X

secret key
K shared by
sender and
recipient

encryption
algorithm

$Y = E[K,X]$
transmitted
ciphertext

secret key
K shared by
sender and
recipient

decryption
algorithm

$X = D[K,X]$

plaintext
output

SUMMARY	
Matched Branch:	0
Partially Matched Branch:	3
Mismatched Branch:	0
Extra Branch:	111
Total Match:	71.43 %
Concept Match:	77.78 %
Link. Phr. Match:	60.0 %
Misconception:	83.33 %
Hierarchy Match:	68.15 %

Grade: 52.24%