	SIES Graduate School of Technology Subject : G.N.S.
	Roll No :
_	Assignment No Date:
3.	What type of security measures mechanisms are provided when a puson signs a farm he has
	provided when a person signs a fam he has filled out to
-	apply for a bush
	I when a purson apply signs a form to apply
-	in place to protect both the applicant & medit cand
-	issuer from fraud & unauthorized access.
	i) Signature Verification
	The applicant's signature on the form serves and a
	progress identifier, allowing the cridit card univer
	the authenticity of the application.
	agnature can be compared with signatures
	cards or previous applications, to ensure ligitimary.
	ii) Identity Verification
-	The info provided on the application fam,
1	including name, address, is was-chicked with
-	external databases & records to wrify the applicant -
	As part of the application process, credit and users
	hypically conduct a credit check to assess credit.
-	This involves reviewing the applicant's credit history,
	iscluding this payment behaviour, outstanding
	debt & credit utilization to determine the land of
1.	nisk associated with approving the indit card applicate. 11) Frond Detection
	Credit and companies imploy sophisticalis fraud -
1	ditection systems to identify a primere france apprecion
	This companies analyse various data points, such as
	applicant's behaviour, manaction patterns & historical
1	data, to detect anomalies & signs of potential fraud. ML algos & Al maybe used to continuously improve them.
-	Page No.

v) Encryption Personal & financial info provided on the wedit card application form is typically inverpted to prolect it from interception I unauthorized access during Enoughtion techniques such as SSL or TSL are used and wedit card issuer's servers, ensuring confidentially and integrity. vi) Privacy Policies bridit card companies have strict security policies in place to gones the collection, use I disclosure of applicant's personal & financial information. These policies outline how the info provided on the application form will be handled, who has access to it & under what circumstances it may be shared with third parties. By adhering to these privary policies, credit card issues denonstrate their commitment to protecting the confidentiality of security of the applicant's information. information. 6. Enought the mesage "this is an exercise" using the following ciphers. Ignore space between the words. Decupt the message to get the original plaintent. Use: Affine cipher with key = (15, 20).
Using affine cipher, "this is an exercise" t - 19 c = (a* 15 +20) / 26 t → 19 → (19*15+20) 1/26 = 19 h -> 7 -> (7 15 + 20) 1. 26 = 1 - 8 - (8 15 + 20) 1/26 5 -> 18 -> (18 15+20) 7.26 = 11 i - 8 - (8 15 + 20) 1. 26 10

Page No.