

## ASSIGNMENT COVER PAGE

Name of Student:	SAHIL ALTAF NA600.
Batch:	JULY - 2023 .
Program:	BCA .
Subject & Code:	introduction to information Technology (oBCA-111)
Semester:	1st .
Learner ID:	2313020640 .

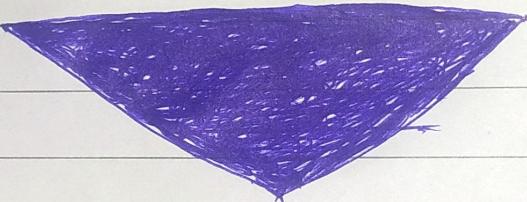
### NECESSARY INSTRUCTIONS

1. Cover Page must be filled in Capital Letters. All Fields of the Form are compulsory to be filled.
2. The assignment should be written / computer typed on A4 size paper and it should be neat and clearly readable.
3. The cover page should be stapled at the front of each and every assignment.
4. Incomplete Assignments will not be accepted.

- The word "cyber" is a prefix that means "computer" or "computer network", or "virtual reality". It is used to form compound words that relate to computing, technology, or the electronic medium of online communication. It may also imply a connection to visions of the future.
- Cyber security is the practice of protecting computers, networks, from unauthorized access, use, or damage. Cyber security is important for e-commerce because it ensures the safety & privacy of online transaction as well as the integrity of & availability of e-commerce websites. Cyber security can also help e-commerce businesses gain customer trust, to avoid legal liabilities & prevent financial losses.
- Some of the ways to secure e-commerce / m-commerce trading platforms are as given below

- ① Use a secure e-commerce platform that provides encrypted payment gateways, SSL certificates, & solid authentication protocols for sellers & buyers.
- ② Implement strong passwords & multi-factor authentication for all accounts & devices involved in e-commerce operations.
- ③ Update & Patch all software & hardware regularly to fix any vulnerabilities & bugs.
- ④ Use a reputable Web application firewall (WAF) & anti-malware software to protect the e-commerce/m-commerce websites from cyber attacks, such as e-Skimming, Phishing, Malware, DDoS & XSS.
- ⑤ Educate & train employees & customers on how to recognize & avoid common cyber threats such as Phishing emails, fake websites & suspicious links.

- ⑥ Monitor & audit the e-commerce / m-commerce Website & network for any suspicious or anomalous activities, & have a contingency plan in case of a breach.
- These are some of the ways to secure your e-commerce / m-commerce trading platforms.



→ Completed.