

**PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**CAT-II (2023-24) ODD SEMESTER**

Subject : ETIT  
 Subject Code : BEIT304T

Max. Marks : 35

Section : A & B  
 Time : 1.30 Hrs.

Note :

- 1) All Question are compulsory.
- 2) All questions carry marks as indicated.

Q. No.	Questions	Marks	CO	BL
1)a.1	Network layer firewall works as a _____ a) Frame filter b) Packet filter c) Content filter d) Virus filter	1	3	1
1)a.2	Which one is not a type of virus. a) Trojan horse b) Malware c) Boot sector d) Star sector	1	3	1
1)b.	Explain the types of viruses?	5	3	2
<b>OR</b>				
2)a.1	A computer _____ is a malicious code which self-replicates by copying itself to other programs. a) program b) virus c) application d) worm	1	3	1
2)a.2	What is used to protect network from outside internet access? a) A trusted antivirus b) 24 hours scanning for virus c) Firewall to separate trusted and untrusted network d) Deny users access to websites which can potentially cause security leak	1	3	1
2)b.	Describe E-mail accounts & search engine.	5	3	2
3)a.1	Who is the father of computer security? a) August Kerckhoffs b) Bob Thomas c) Robert d) Charles	1	4	1
3)a.2	Which of the following is a type of cyber security? a) Cloud Security b) Network Security c) Application Security d) All of the above	1	4	1
3)b.	Distinguish between Inter and Intra banking?	5	4	2
3)c.	Explain services provided by E-Banking.	7	4	2
<b>OR</b>				
4)a.1	Number of phases in the handshaking protocol? a) 2 b) 3 c) 4 d) 5	1	4	1
4)a.2	5. Which is the key exchange algorithm used in CipherSuite parameter? a) RSA b) Fixed Diffie-Hellman c) Ephemeral Diffie-Hellman d) Any of the mentioned	1	4	1
4)b.	Write a note on security in E-Banking?	5	4	2

4)c.	Explain SSL in detail with proper diagram?	7	4	2
5)a.1	Which browser was the first that allows CSS rules to be associated with new HTML5 layout elements? a) Internet Explorer 9 b) Internet Explorer 7 c) Chrome d) Firefox	1	5	1
5)a.2	The search that can't be targeted by SEO is _____ a) video search b) image search c) academic search d) audio search	1	5	1
5)b.	Write a short note on E-Governance And its types?	5	5	1
5)c.	Explain challenges on E-Governance	7	5	2
<b>OR</b>				
6)a.1	Which tag is used for stopping duplicate content? a) canonical tag b) image alt tag c) nofollow d) meta	1	5	1
6)a.2	Network layer firewall works as a _____ a) Frame filter b) Packet filter c) Content filter d) Virus filter	1	5	1
6)b.	Explain types of E-Agriculture.	6	5	2
6)c.	Explain Query Redresses System?	6	5	2

\*\*\*\*\* All The Best \*\*\*\*\*