

**Bharati Vidyapeeth**  
**(Deemed to be University), Pune**  
**School of Distance Education**

<b>Assignment No.</b>	<b>01</b>	<b>Name of the Assignment Setter:</b>		<b>Dr. V.N. More</b>	
<b>Course:</b>	<b>MCA</b>			<b>Semester:</b>	<b>III</b>

<b>Subject:</b>	<b>Cyber security (Introduction to Information security)</b>
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**Q.1) Attempt ANY ONE of the Following (1000 Words) (10)**

- a) State and Explain security principles and models
- b) Explain identification, authentication and authorization.

**Q.2) Attempt ANY TWO of the Following (800 Words) (12)**

- a) Describe various physical security mechanism
- b) Explain secure network design.
- c) Explain different types and sources of network threats.
- d) Explain secure coding techniques.

**Q.3) Write Short Notes on (ANY TWO) (08)**

- a) Firewall
- b) VPN
- c) Compliance standards: ISO 27001
- d) Operating system security

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