

Roll No. ....

Total Pages : 2

**301503**

**December 2022**

**BBA (GEN) - V SEMESTER**

**Computer Network & Internet (BBA-GEN-503)**

Time : 3 Hours]

[Max. Marks : 75

*Instructions :*

1. *It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.*
2. *Answer any four questions from Part-B in detail.*
3. *Different sub-parts of a question are to be attempted adjacent to each other.*

**PART-A**

1. (a) Define Network. (1.5)
- (b) Name one cryptography algorithm. (1.5)
- (c) Define crawler. (1.5)
- (d) Define world wide web. (1.5)
- (e) What is the purpose of IP protocol? (1.5)
- (f) Define Intranet. (1.5)
- (g) What is newsgroup? (1.5)
- (h) What is the role of ranking in search engine architecture? (1.5)

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- (i) What is the full form of HTML? (1.5)  
(j) What is the future of intranet? (1.5)

### **PART-B**

2. (a) What are different network topologies? Explain them with diagram in detail. (10)  
(b) What are advantages and disadvantages of network? (5)
3. Explain the working of a search engine with detailed diagram and also give examples. (15)
4. Explain the OSI model. Explain each layer and its functions in detail. (15)
5. (a) What do you mean by internet service provider? (5)  
(b) What are different protocols of communication? (10)
6. (a) Explain intranet security design in detail. (10)  
(b) Explain the purpose of HTTP protocol. (5)
7. Write short note on the following : (15)  
(a) Wireless networks.  
(b) Firewall.  
(c) Transmission Media.