NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA
(An Autonomous Institute)
Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow
MCA
FIRST YEAR (SEMESTER-II) THEORY EXAMINATION   (2020-2021)
(Subjective Type)

Subject Code: AMCA0213   **Max. Mks. : 30**
Subject: Computer Networks   **Time   : 50 Minutes**

General Instructions:

All questions are compulsory.

Question No. 1 to 15 are subjective type question carrying 3 marks each. Attempt any 10 out of 15 questions.

Q.No	Question Content	Question Image	Category	Sub Category	Marks	Options Randomization	Type	Difficulty
1	Explain Computer Network and use of Computer Network		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Brilliant
2	Explain Network Topologies		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Brilliant
3	Describe star topology		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Brilliant
4	What is OSI, and what role does it play in computer networks?		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Brilliant
5	What is the purpose of cables being shielded and having twisted pairs?		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Brilliant
6	What is POP3?		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Brilliant
7	What is a Hybrid Network?		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Smart
8	What is TCP/IP?		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Brilliant
9	What is the difference between a hub and a switch?		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Brilliant

Q.No	Question Content	Question Image	Category	Sub Category	Marks	Options Randomization	Type	Difficulty
10	What are some drawbacks of implementing a ring topology?		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Brilliant
11	What is IPv6?		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Smart
12	What are the important elements of the protocol?		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Brilliant
13	Differentiate Physical Address and Logical Address.		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Brilliant
14	What are the various classes of IP addresses?		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Brilliant
15	State the use of SYN and FIN bits in TCP.		Attempt any 10 Questions	10 X 3= 30	3		Subjective	Brilliant