KNS INSTITUTE OF TECHNOLOGY

DEPARTMENT OF CSE/ISE

Question Bank for 1st IA Test
Academic Year: (2020 – 2021)

Semester	5 th 'A' Sec				
Faculty	Mrs. Sowgandhika N	**Subject**		**Subject**	Computer Network
		Code	18CS52	**Name**	&
Date	11/11/2021				Security

COURSE OUTCOMES:

CO 1: Explain principles of Application layer protocols
CO 2: Understanding the concept of HTTP, FTP and DNS server
CO 3: Recognize Transport layer services

The following are the knowledge levels according to Bloom's taxonomy.
L1 Remember   L2 Understand   L3 Apply   L4 Analyse   L5 Evaluate   L6 Create

Q:	SYLLABUS : MODULE 1&2 QUESTION	CO	Knowledge level	M
1	Explain network application architecture.	CO1	L1,L2	8
2	Explain interface between the process and computer network.	CO1	L2,L4	7
3	Explain transport services available to applications.	CO1	L2,L3,L4	9
4	Explain transport services provided by the internet.	CO1	L1,L3,L4	9
5	Explain overview of web and HTTP.	CO2	L2,L3,L4	9
6	Write the HTTP request and HTTP response message format.	CO2	L1,L2,L6	6
7	Explain non-persistent and persistent TCP connections.	CO2	L1,L2	6
8	Explain web caching (proxy server).	CO2	L2,L3,L6	9
9	Write and Explain FTP commands & replies.	CO2	L2,L3,L4	8
10	Compare HTTP with SMTP.	CO2	L2,L3	6
11	Explain mail access protocol with neat diagram.	CO2	L1,L2,L3	9
12	Explain the services provided by DNS.	CO2	L2,L3,L4	9

13	Explain the three classes of DNS servers organized in hierarchy.	CO2	L1,L2,L3	10
14	Explain DNS resource record.	CO2	L1,L2,L3	6
15	Explain scalability of P2P architecture or illustrate simple quantitative model for distribution to a fixed set of peers.	CO2	L2,L3,L4	10
16	Explain circular DHT.	CO2	L1,L2,L3	6
17	Explain the relationship between transport and network layers.	CO3	L2,L3,L4	6
18	Explain transport layer multiplexing and de-multiplexing.	CO3	L1,L2,L3	9

Signature of HOD