BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)

CLASS: BTECH   SEMESTER: VII
BRANCH: BIOTECHNOLOGY   SESSION: MO/2022

SUBJECT: BE331 ADVANCED ALGORITHM TECHNIQUES AND COMMUNICATION

TIME: 2 HOURS   FULL MARKS: 25

INSTRUCTIONS:
1. The total marks of the questions are 25.
2. Candidates attempt for all 25 marks.
3. Before attempting the question paper, be sure that you have got the correct question paper.
4. The missing data, if any, may be assumed suitably.
5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.

				CO	BL
Q1	(a)	Compare A, B, Z type DNA.	[2]		
Q1	(b)	Describe Sangar method of DNA sequencing.	[3]		
Q2	(a)	What is star topology?	[2]		
Q2	(b)	Draw 7 layer of ISO-OSI Model.	[3]		
Q3	(a)	What is VPN technology?	[2]		
Q3	(b)	With diagram describe about coaxial cable and its advantages.	[3]		
Q4	(a)	What is URL link format?	[2]		
Q4	(b)	What are the different propagation methods in wireless communication?	[3]		
Q5	(a)	Compare VBscript and Javascript.	[2]		
Q5	(b)	To design a static webpage, write the HTML codes.	[3]		

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