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|  | | | | **Mid Semester Test-II, February 2021** | | | | |
| **School : SCSIT Program: B.TECH** | | | | |
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| **Semester – IV** | | | | |
|  | | | | |
| *Subject: Computer Network* | | | | | | | ***Subject Code: BTCS04CC43*** | |
| ***Max. Marks:*** | | | ***15*** | | | ***Max. Time:*** | | ***01:00 Hr.*** |
| ***Student’s En. No.:*** | | | | |  | | | |
| **Instructions** | | | | | | | | |
| 1. | Write your **Enrollment number** on the question paper. | | | | | | | |
| 2. | Fill all the details and ensure the invigilator’s signature on the answer book. | | | | | | | |
| 3. | **Do not** write / mark on the question paper. | | | | | | | |

Section – A

**(Answer any one question. Each question carries 07 marks.)**

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| **Long Answer Type Question** |

Q.1 A bit stream 1101011011 is transmitted using the standard CRC method. The generator polynomial is x4+x+1. What is the actual bit string transmitted? (At sender & receiver side).

Q.2. A bit stream 10011101 is transmitted using the standard CRC method. The generator polynomial is x3+1. (At sender & receiver side).

## Section – B

**(Answer any one question. Each question carries 03 marks.)**

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| **Short Answer Type Question** |

Q.3 . Explain Stop and Wait ARQ with example in detail

Q.4 . Explain TCP/IP protocol with diagram.

## Section – C

**(Compulsory. Each question carries 02 marks.)**

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| **Short Notes Type Question** |

Q.5 Write Difference between Pure Aloha & Slotted Aloha.

## Section – D

**(Compulsory. Each question carries 01 marks.)**

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| **Very Short Answer Type Question** |

Q.6. What is Parity Check?

Q.7. What is CSMA & CSMA/CD

Q.8. List types of error.