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B. Tech. Examination 2021-22

(Even Semester)

DIGITAL SIGNAL PROCESSING*Time : Three Hours/**/Maximum Marks : 60***Note :-** Attempt all questions.**SECTION-A**

1. Attempt all parts of the following : $8 \times 1 = 8$
- Write down the expression for one sided z transform.
 - Explain linearity property of Z transform.
 - What do you mean by periodicity of the DFT?
 - Define causal systems.