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B. Tech. Examination 2021-22

(Even Semester)

SIGNALS AND SYSTEMS*Time : Three Hours]**[Maximum Marks : 60***Note :-** Attempt all questions.**SECTION - A**1. Attempt all parts of the following : 8 × 1 = 8

(a) Draw the waveform of the following signal :

$$x(t) = u(-2t + 1)$$

(b) Determine whether the system is time invariant or not :

$$y(n) = x(-n)$$

[P. T. O.]