KFUPM - COMPUTER ENGINEERING DEPARTMENT
COE-241 – Data and Computer Communication
Quiz 02   Model A

Student Name:
Student Number:

Solution

$s(t)$ = A cos($2\pi/T$ t) $-T/4 < t \leq T/4$

   = 0 $T/4 < t \leq 3T/4$

Note the above expression defines $s(t)$ on a complete period for $t \in (-T/4, 3T/4)$.

Refer to class notes and solved example on Fourier Series Expansion for the above $s(t)$.