

Senzional Examination - 2016
 Sub: Electronics (M)
 Paper: ECM 601

Time: 45 minutes

Marks - 15

1. Fill up the blanks.

$1 \times 3 = 3$

(a) _____ is defined as the portion of a system, which is to be controlled or regulated.

(b) In an open loop system, _____ does not exist.

(c) At _____ point, two or more signals can be added or subtracted.

2. (a) Mention two advantages of open loop system.

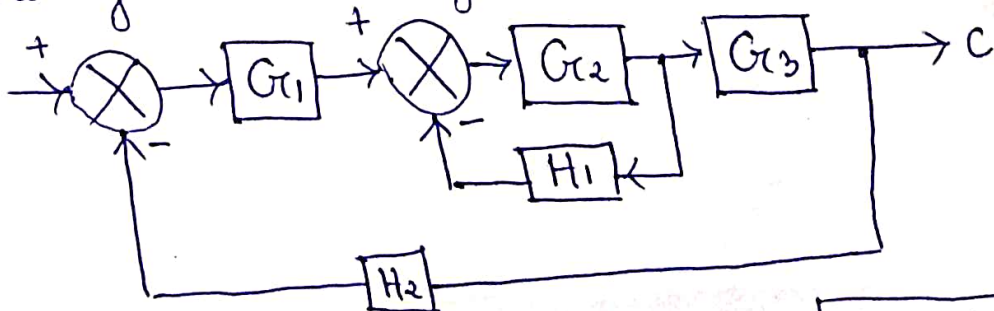
(b) Draw the block diagram of closed loop system.

(c) Give two examples of closed loop control system.

$2 \times 3 = 6$

3. (a) Give the mathematical definitions of step function, ramp function and parabolic function.

(b) Find the transfer function of the following block diagram.



$3 \times 2 = 6$