Microprocessors & Microcontrollers

Full Marks : 70

Time : 3 hours

Answer any **six** questions including **Q.No.1**
which is compulsory.

The figures in the right-hand margin indicate marks

Symbols carry usual meaning

1. Answer *all* questions : 2 × 10

   (*a*) Write the types of different operands in an instruction with one example for each.

   (*b*) Differentiate between serial and parallel transmission.

   (*c*) What is PSW in microprocessor 8085 ?

   (*d*) Distinguish between RAR and RRC instruction in 8085.

   (*e*) Write at least two differences between 8085 and 8051.

   (*f*) What is a vectored interrupt program ?

(*Turn Over*)