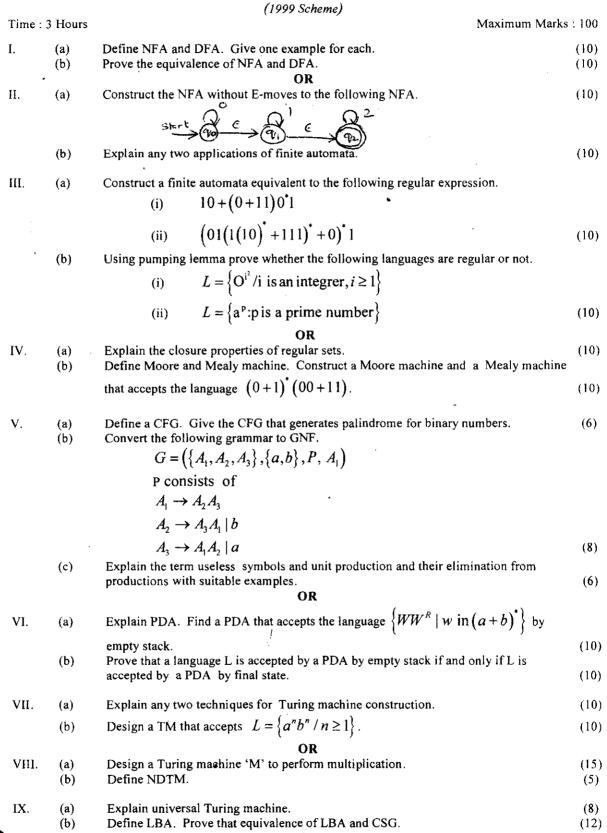
## B. Tech Degree V Semester (Supplementary) Examination July 2009

## CS 504 AUTOMATA LANGUAGES AND COMPUTATION



Prove that halting problem of TM is undecidable.

left-linear grammar and by some right-linear grammar.

Define regular grammar. Show that if L is a regular set, then L is generated by some

(8)

(12)



(a)

(b)