

(b) State and prove pumping lemma.	(10)
17.(a) (i) What is a Turing machine? What is its significance?	(5)
(ii) Explain the universal Turing machine.	(5)
(b) Explain in detail about the phases of compiler	(10)
18 (a) Construct the predictive parsing table for	(10)
E->TE', E'->+TE'/ε, T->FT', T'->*FT'/ε, F->(E)/id	
(b) Explain in detail about DAG Representation	(10)