CS 302 REMOTE QUIZ 6

15 April, 2021

Duration: 20 minutes

ANSWERS

- (a) (4 pts) See the relevant slide.
- **(b)** (6 pts)
- (i) baba is in L_G .

leftmost derivation : $S \Rightarrow b \ B \ S \Rightarrow b \ a \ b \ B \ S \Rightarrow b \ a \ b$

(ii) $L_G = (w \in \{a,b\}^* \mid no. \ of \ a$'s in $w = no. \ of \ b$'s in w)