CSE-331
Assignment-2
MD Itramul kayes
ID: 21301576
Sec: 06

Ans: to: Que: no: 1984

11 Ans: $S \rightarrow 00A111B18$ $A \rightarrow 11B16$ $B \rightarrow 00A16$

2] Ans: 5-> OA1 11AO 31 AI - A A > OA 11A16 3 A IIIO - 9

3) Ans: $S \rightarrow ABOA | A$ $A \rightarrow 1A16$ $B \rightarrow 0CB | 6$ $C \rightarrow 11C16$

 $4 \pm An5$: $5 \Rightarrow A + B + C + D$ $A \Rightarrow 0 C + D + D + D + D + C$ $B \Rightarrow 1 D + D + C$ $B \Rightarrow 1 D + D + C$

5) 5 > ABO ON SUP OF EMA

51 AOG - 8

6) 5 >> AB

A > 1 A 16 OAT LAGE 2 : CMA

B > 0111 A B | 6 | AD | AO C A

Ans: to: que: no: 2

FOR L1,
5-200511 013 90000

c - 11016

For L2)

5'-> 0005'.1111E

1 - 2 10 00 10 16

FOR LI ULZ, oup of cata

9 5 -> AIB IX CA

A > 00 A 12 101 - X

B > 500 B 11116 1000 00 00 00

SPAIR

15 CA

719561

0/30 e/3

Ans: to: the: que: 3

57 A/B

A > CD

c > 0 c 1 16

D -> 2D/6

B->EPOIAS CA

ACACA CA MALA

E-> OE IE

F-> X/Y110 <-8

 $X \rightarrow 1 \times 2 \mid X'$

 $X' \rightarrow 1X' | 1$

Y > 1 Y 2 1 Y

Y'-> Y'212

contid

Ans: to: que: no: 4 , 1 507

6一个司司马里里自1

57 A1B

A > CD

D → 2D16

 $c \rightarrow 0c1lc'$

c'>00'10

 $B \rightarrow XY \quad 81A \leftarrow 2$ $X \rightarrow 0X \mid E$ $Y \rightarrow 1Y2 \mid Y \land 00 \leftarrow A$ $Y \rightarrow 2Y \mid 2 \mid 000 \leftarrow A$

Ansito: que: no: 5

MANS: 5 -> AOAOA

A>BAIG

B> 0/1

100 C

b) Ans:

$$\begin{array}{c} X \rightarrow 000 \times X \\ S \rightarrow 000 \times 11 \times X \\ X \rightarrow A0A0A \\ A \rightarrow BA16 \\ B \rightarrow 011 \end{array}$$