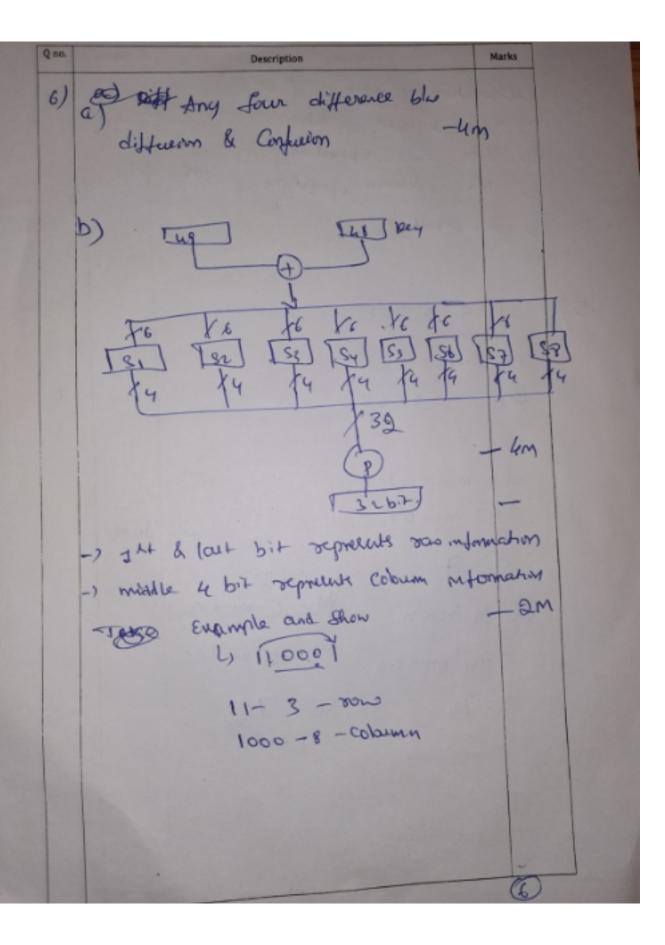
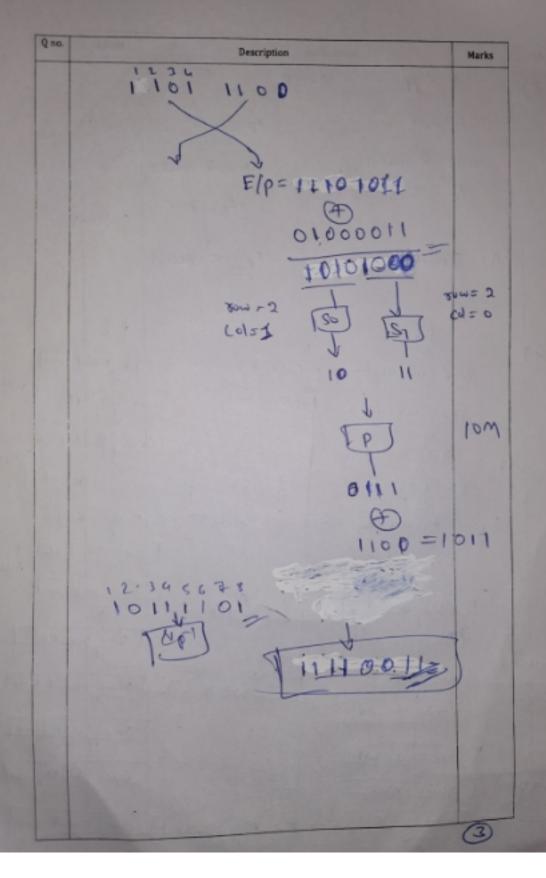
| Q. No. Description | Marks Distribution |
|-----------------------------------|--------------------|
| 7) o public announcement - 8002 x | |
| @ public Directory _ 200 2 n | |
| Depublic Authority - 3 m - | IOM |
| @ public certificate - 3 m | |
| Explaination with neat diagram | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |



| Q no. | Description | Marks |
|-------|-----------------------------|-------|
| | Explanation of AES) | |
| | 1 Substitute byte operation | |
| | @ shift some obershim AW | |
| | (5) MER Coloumn operation | |
| | @ Key Explanion | |
| | | |
| 5 | P=5 & 4=15 e=7 M514 | |
| / | n= 5+13 = 65 | 1/1/ |
| | pen15 4+12=48. | |
| | e= 7 | |
| | de mod dens 1 | |
| | 7 b J wog 1821 - | _ lom |
| | d=7 d | 100 |
| | M- C mod n | |
| | C= M mod n | 5 |
| | = 14 mod 65 | |
| | C=14 M= 14, | |
| | | |
| | | |
| | | |
| | | |

| Q no. | 100 | D | escription | | Marks |
|-------|--------|----------------|-------------|--------------|----------------------|
| 3) | 4 | 2=11 | 25 3 | | |
| | XI | + 3 4 | | 70 = 7 | |
| | 7A | = 24 mod 11 | | VAS 2 modil | |
| | 1 | A = 5 / 101 | 0101 | | |
| | | 4 | 1 | 75=7 | lon |
| | KA = | 7 mod 1) | 017 | R35 5 mod 11 | |
| | = | 3// | | . Ka= 3/2 | |
| 1, | | Pt | key | | P. E |
| (4) | I | Act round Key | Fo | (c.s) | Add sound very |
| | | Shatitute byte | EPI | andke [| ENERD PART |
| | , | Swift roud | ' | | and sure round gard. |
| -80 | w43, | LWLK COL | 1.1 | 1 - | one mo col |
| | , | I Add words | 1/4 | - W(4.3) - | |
| | 121 | | | | June Su byte band |
| | _ | 10.19 | 2,10 | 1.00 | Jav Stran |
| | 7 1 | Sulliture by | 7, | -6M | (am macel |
| | 1 | T Shutt now | 01.11 | J | Add rand by |
| -60 | and a | [mac col | 714 | WE31,51) | 7 |
| | | I And round | 18] | | CON SUL MITTER |
| | 1 | Sussifiete | yell " | | - and Shitt rang |
| 2 | Yourd! | suff ran | e] . | 1 | 19 Add found by |
| | 10 | TANK J. 18 | JE | (G) | |
| | | C-+ | Maria Carlo | | |



| Q. No. | Description | Marks |
|--------|-------------------------------|-------|
| 5) | Pad 5 P.t = 1001010 | I |
| 2) | P. E = 100101 01 1 = 10100100 | |
| | K2 = D1000011 | |
| | 84P= 01011100 | |
| | E/p= 01101001 | |
| | (| |
| | 10100100 | |
| | 11001101 | |
| | To Tou | 2 |
| | _ | 1012 |
| | Cd=3 01 00 | |
| | 0100 | |
| | 7 | 9 3 |
| | IP) | |
| | 1000 | |
| | (T) | 60 1 |
| | 0101 | |
| | 1101 | 60 |
| | | 100 |
| - | | |

DAYANANDA SAGAR COLLEGE OF ENGINEERING

(An Autonomous Institute affiliated to VTU, Approved by AICTE & ISO 9001:2008 Certified)
Accredited by National Assessment & Accreditation Council (NAAC) with 'A' grade

DEPARTMENT OF TELECOMMUNICATION ENGINEERING

Accredited by National Board of Accreditation Council (NBA)

SCHEME & SOLUTION: CONTINUOUS INTERNAL ASSESSMENT- 2

Date: 18/11/2020

| Course: | Course Code: JATE FDECKS |
|---------------------------------|--------------------------|
| Semester& Section: 811 'A' L'R' | Total no of Pages: |
| Scheme & Solution prepared by: | ent le sidiation |

| Q. No. Description | Marks Distribution |
|--|-----------------------|
| 179)128; 120, 190 or 256 | 1 |
| b) ii) Substitution | 1 |
| c) xi) frestel cipher structure | 1 |
| d) i) postive integer & relative prime | 1 |
| (e): (i.i.) Greatest Common divisor | 1 |
| 2) Lisi) Contraion | 1 |
| 9) ROI IN) ECB | 1 |
| b) i) Authenticated | 1 |
| I) WI) CBF | 7 |