HALL TICKET NUMBER


PACE INSTITUTE OF TECHNOLOGY \& SCIENCES::ONGOLE
(AUTONOMOUS)
II B.TECH I SEMESTER END SUPPLEMENTARY EXAMINATIONS, JAN - 2023
SURVEYING
(CE Branch)
Max. Marks: 60
Time: 3 hours
Note: Question Paper consists of Two parts (Part-A and Part-B)
PART-A
Answer all the questions in Part-A $(5 \mathrm{X} 2=10 \mathrm{M})$

| Q.No. |  | Questions | Marks | CO | KL |
| :---: | :---: | :--- | :---: | :---: | :---: |
| 1 | a) | State the two fundamental principles upon which various survey methods of <br> plane survey are based. | $[2 \mathrm{M}]$ | 1 |  |
|  | b) | What is meant by magnetic declination. | $[2 \mathrm{M}]$ | 2 |  |
|  | c) | State the temporary adjustments of a levelling instrument. | $[2 \mathrm{M}]$ | 3 |  |
|  | d) | State the various systems of a tacheometric survey. | $[2 \mathrm{M}]$ | 4 |  |
|  | e) | State the different methods that are used for setting of the simple circular curve. | $[2 \mathrm{M}]$ | 5 |  |

PART-B
Answer One Question from each UNIT (5X10=50M)



