## PACE INSTITUTE OF TECHNOLOGY \& SCIENCES::ONGOLE (AUTONOMOUS)

II B.TECH I SEMESTER END SUPPLEMENTARY EXAMINATIONS, MARCH/APRIL - 2023 SURVEYING
(CE Branch)
Time: 3 hours
Max. Marks: 60
Note: Question Paper consists of Two parts (Part-A and Part-B)
PART-A
Answer all the questions in Part-A (5X2=10M)

| Q.No. |  | Questions | Marks | CO | KL |
| :---: | :--- | :--- | :---: | :---: | :---: |
| 1 | a) | State the different types of errors that you will get when measuring the <br> distances between two stations by a chain. | $[2 \mathrm{M}]$ | 1 |  |
|  | b) | Define magnetic meridian and true meridian. | $[2 \mathrm{M}]$ | 2 |  |
|  | c) | Compare height of instrument method with rise and fall method | $[2 \mathrm{M}]$ | 3 |  |
|  | d) | State the different methods that are used to find the area from the offsets at <br> regular intervals from a base line to boundary line, write their formulae. | $[2 \mathrm{M}]$ | 4 |  |
|  | e) | What is the objective of geodetic surveying? | $[2 \mathrm{M}]$ | 5 |  |

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



