

BOARD OF TECHNICAL EDUCATION, U.P.

Practical Examination June 2024

Surveying-1

Fourth Semester

Time 03 Hrs.

Max Marks 20

Note: Do any one problem

Min Marks. 07

Distribution of Marks

S.No.	Description	Marks	
		Problem-1	Total
1	Procedure and Field works	10	10
2	Calculation work and result	03	03
3	Accuary of any two readings to be cheked by examiner	02	02
4	Viva voice	03	03
5	Session works Practical copy	02	02
	Total Marks	20	20

General Instruction for Examiner-

1. At least two readings may be cheked by examiner.
2. All readings should be directly intered in the answer book.
3. Rough work and calculation to be done on answer book only.
4. Viva voice consising at least 5 question to the subjects to check ability of student in the subject matter.
5. Over writing and manipulation should be strictly avoided.

PROBLEM-1

Select an area ABCDDEA in your polytechnic campus. Side of area should not be less than 30 m. Take required measurements by prismatic compass and tape. Plot it area on drawing sheet with suitable scale and removed error (if any) by graphlitical method.

PROBLEM-II

Draw the longitudinal section of a village road its length is 200 meter. Take readings on station at 20 m interval by dumpy level & leavelling staff with minimum two change points. Calculate the RL of station by rise & fall method show suitable formation level on L - section of road. Take RL of BM is 50 m.