

TELANGANA STATE PUBLIC SERVICE COMMISSION

Notations :

- 1.Options shown in green color and with ✓ icon are correct.
- 2.Options shown in red color and with ✗ icon are incorrect.

Question Paper Name :	121 Paper Code 20th May 2022 Shift 1
Subject Name :	121 Paper Code
Duration :	180
Total Marks :	100
Display Marks:	No
Calculator :	Normal
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No

121 Paper Code

Group Number :	1
Group Id :	881891461
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No
Revisit allowed for group Instructions? :	No

Maximum Instruction Time : 0
Minimum Instruction Time : 0
Group Time In : Minutes
Navigate To Group Summary From Last Question? : No
Disable Submit Button During Assessment? : No

121 Paper Code

Section Id : 881891461
Section Number : 1
Section type : Offline
Mandatory or Optional : Mandatory
Number of Questions : 1
Number of Questions to be attempted : 1
Section Marks : 100
Display Number Panel : Yes
Group All Questions : No
Enable Mark as Answered Mark for Review and Clear Response : Yes
Maximum Instruction Time : 0
Section Instructions :
English :
Absolute
Sub-Section Number : 1
Sub-Section Id : 881891461

Question Number : 1 Question Id : 88189138576 Question Type : SUBJECTIVE Consider As Subjective : Yes
Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 100

May - 2022
Survey & Settlement Surveyor's Test,
Lower Grade Part – II
English
(Without Books)

Time: 3 Hours

Marks: 100

Note:

- i. Candidate should attempt Six questions subject to alternatives or limitations, if any, mentioned herein, or in each question. If more are answered, the last extra answers will be ignored.
- ii. Parts of the same question must be answered together and must not be interposed by answer (s) to other question(s).
- iii. Authorities should be quoted in support of the answers wherever necessary.
- iv. Question No. 1 is compulsory.
- v. Candidates should answer the paper in English only, except Language Test or Surveyors Test, which should be answered in the language chosen only. In case of non-compliance, such Answer Script shall be invalidated.

- 1) Plot the given Tippan (sketch-A) to the scale 1cm=1chain. [20]
- 2) Calculate all F-line measurements mathematically in the above sketch-A. [16]
- 3) Plot the given FMB (sketch-B) to the scale (1:2000) using given ladder where DC=1707, GD=1064, GC=1172lks [16]
- 4) a) Calculate the area of triangle in (Sketch-B) ΔGCD and ΔGFD using NOS method
b) Explain NOS method with a sketch. [2x816]
- 5) Explain the procedure of construction of Diagonal Scale. [16]
- 6) Describe the procedure of village map preparation in Maratwada System of measurement. [16]

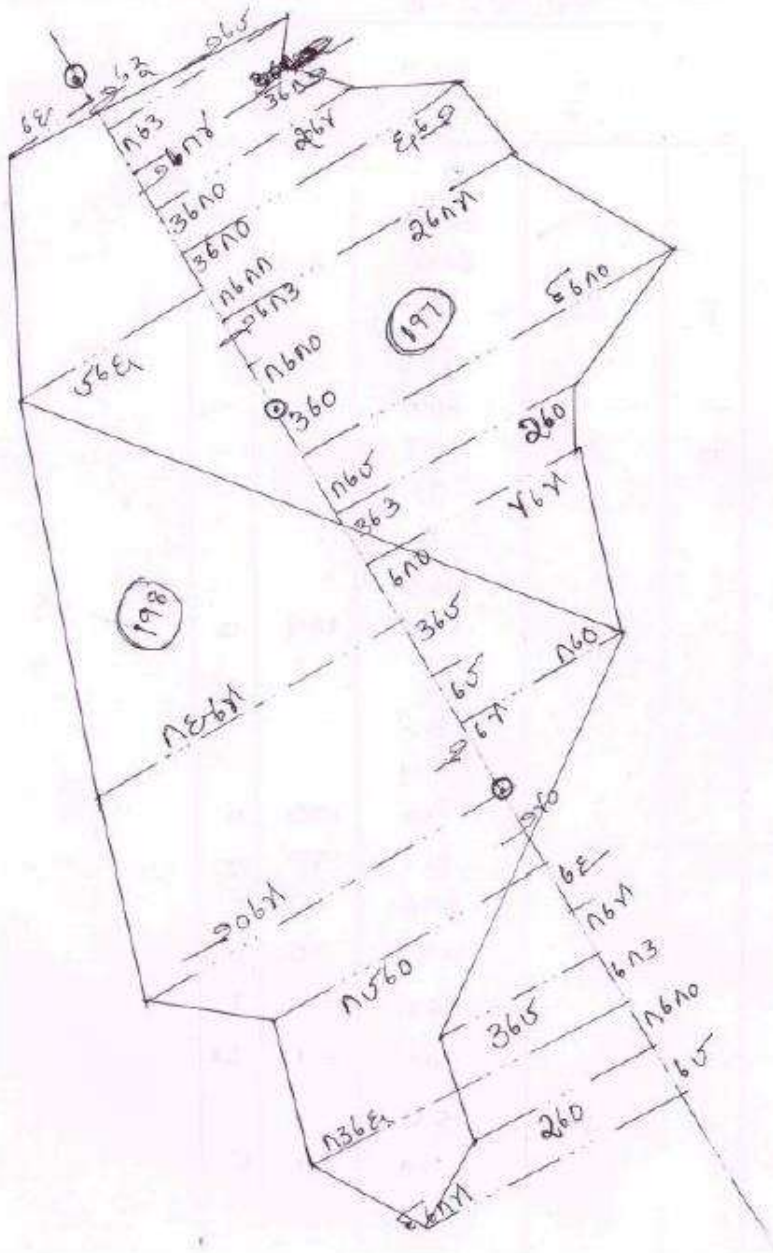
7) Draw neat sketches for the following topo details:

[8x2=16]

- a) Salt pan
- b) Railway line
- c) Round well
- d) Grave yard
- e) Forest boundary
- f) Minor circuit station
- g) Fountain
- h) Temple

Paper - 121

SKETCH - A



SKETCH-B

		F		
		663		
		660		
E	33	D		
		E		
		662		
13	38	419		
		D		
		A		
		1163		
		173	109	12
		C		
		B		
		994		
		912	100	11
		811	90	10
		676	80	9
		495	30	8
		362	31	7
		301	61	6A
6	20	154		
		70	82	5
		A		
		363		
		117	20	4
		G		
		934		
		788	38	3
		679	47	2
1	16	184		