

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 :	69 Paper Code 28th Nov 2021 Shift 2
Subject Name :	69 Paper Code
Duration :	180
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? (SA type of questions will be always auto saved) :	No

69 Paper Code

Group Number :	1
Group Id :	881891218
Group Maximum Duration :	0

Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	0
Is this Group for Examiner? :	No
Revisit allowed for group Instructions? :	Yes
Maximum Instruction Time :	0
Minimum Instruction Time :	0
Group Time In :	Minutes

69 Paper Code

Section Id :	881891218
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	1
Number of Questions to be attempted :	1
Section Marks :	0
Display Number Panel :	Yes
Group All Questions :	No
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Section Instructions :	
English :	
Absolute	
Sub-Section Number :	1
Sub-Section Id :	881891218

Total No. of Questions :7]

Total No. of Pages : 3]

November – 2021

Revenue Draughtsman's Test (Part - I)

Construction of Scales, Survey & Drawing Instruments, Records Traverse &
Protractor Plotting, Computation etc.

(Without Books)

Time: 3 Hours]

[Marks: 100

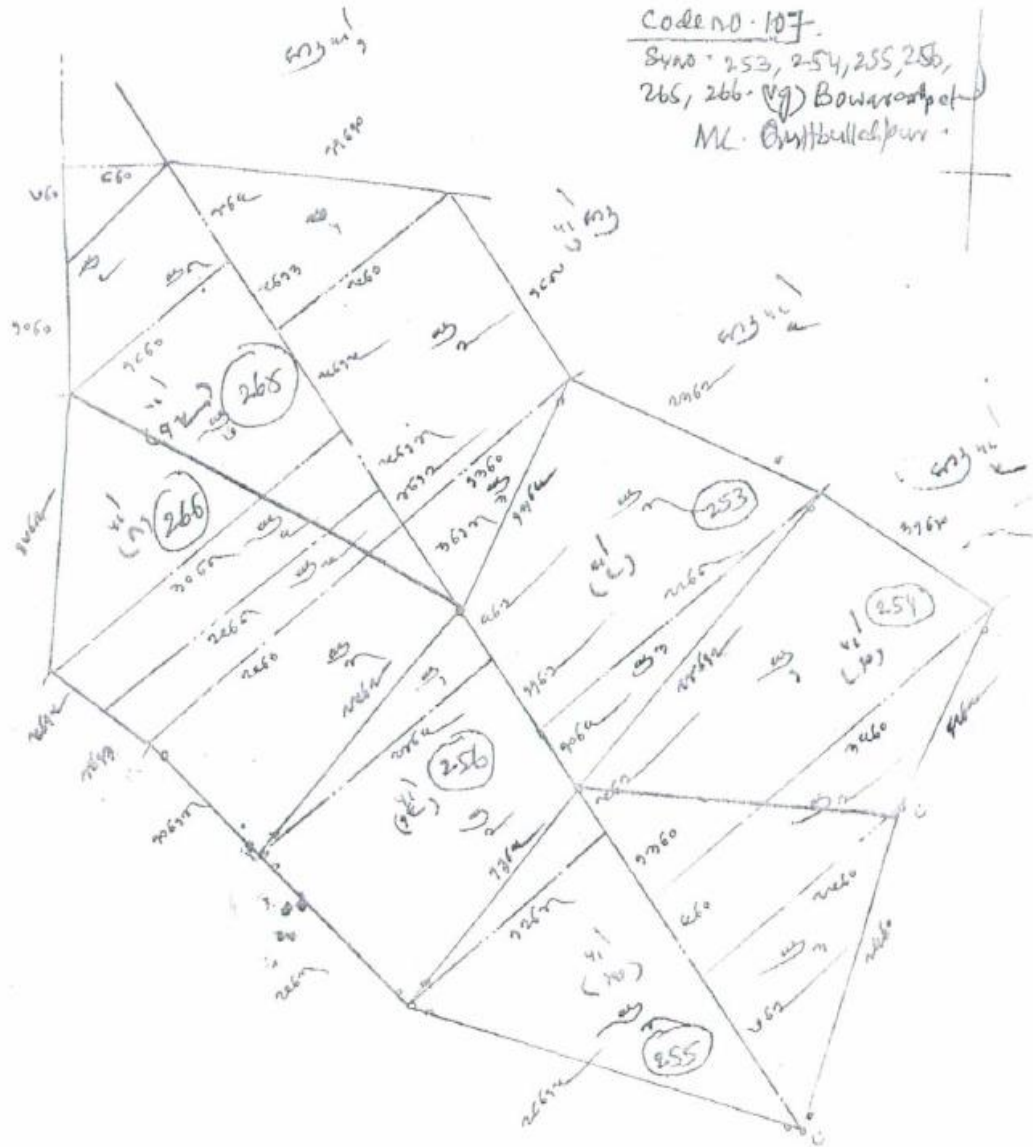
- Note:1) Candidate should attempt Six Questions subject to alternatives or limitations, if any, mentioned herein, or in each question. If more are answered, the last extra answers will be ignored.*
- 2) Parts of the same question must be answered together and must not be interposed by answer(s) to other question(s).*
 - 3) Authorities should be quoted in support of the answers wherever necessary.*
 - 4) Question No. 1 is compulsory.*
 - 5) Candidate 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.*

- Q1)** a) What is a pentagraph? Explain the principles of its working with the help of a neat sketch [10]
b) Explain how you will protract the bearing of a line [10]
- Q2)** Plot the enclosed tippan to the Scale (1:5000) and find out the areas of Survey nos.265, 255 [16]
- Q3)** a) Explain the difference between two scales of plotting 1cm=1chain of 20 metres and 1cm=2.5 chains of 20 metres and indicate the ratio between the two. [10]
b) Explain how bearings and distances help in traverse plotting. [06]

P.T.O.

- Q4)** Write a brief essay on the drawing instruments used in the cadastral mapping? **[16]**
- Q5)** Describe the duties of a revenue draughtsman posted in the sub-divisional office. **[16]**
- Q6)** Describe the procedure of traverse plotting by means of co-ordinates? **[16]**
- Q7)** Write short notes on the following. **[4×4=16]**
- a) Record of measurement
 - b) Representative fraction
 - c) D-sketch
 - d) Fair area list.

Code no. 107.
S.No. 253, 254, 255, 256,
265, 266 (9) Bowarootpet
ML. Chittibulleshpur.



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