

**HIGHER SECONDARY
GEOGRAPHY PRACTICAL EXAMINATION FEB -2017**

**MODEL QUESTION PAPER
NO .3**

Prepared by



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HIGHER SECONDARY
GEOGRAPHY PRACTICAL EXAMINATION FEB -2017
Code No.3

HSE11

Max Score: 40 marks
Time: 3hrs

SECTION – A

Answer Any Four of the Following Questions. Each Carries Two Mark (4x2=8)

1. Orient the stereo pair in order to get the 3d vision through stereoscope
2. Identify the various methods of scale represented in the given toposheet
3. Calculate the actual road length between Mangattidom to Peringome from the give map using Rotometer
4. Find out the precise location of the given object using GPS
5. Identify and mark the north direction of given map using magnetic compass

SECTION

Answer Any Four Questions. Each Carries Three Marks (4x3=12)

6. Construct a graphical scale when the given RF is 1:360 to read the distance in yards?
7. Draw the contour and their cross section of any of the three following land form features
a) Spur b) V-shaped valley c) Concave slope d) Plateau
8. Construct a flow chart map to represent the number of vehicles passing through Vengad panchayath and adjoining areas as given in the table

SL NO	ROUTES	No. of VEHICLES
1	EKNS school junction to Valayaal junction	6
2	Valayaal junction to Koothuparamb	24
3	Valayaal junction to Manakkai	6
4	EKNS school junction to Vengad angadi	18
5	Vengad angadi to Keezhallur	10
6	Vengad angadi to Anjrahandi Mattannur junction	24
7	Ancharakandi Mattannur junction to Mattannur	28
8	Ancharakandi Mattannur junction to Anjrahandi town	34
9	Ancharakandi town to Irikkur	37
10	Ancharakandi town to Kannur	45
11	Ancharakandi town to Thalassery	42

9. Draw the following parallels on the earth having a radius of 4cms
 - a. 20° North
 - b. 35° South
 - c. 70° North
 - d. 60° South
10. Construct a cylindrical equal area projection with radius of the reduced earth is 3cms. The latitudinal and longitudinal interval is at 15°

SECTION –C
Answer Any Four Question Each Carries Three Marks (4x3=12)

11. Determine the local time of 'Thimpu' located at 90° East longitudes when the time at Greenwich is 9AM?
12. Convert the following scale of statement into RF
 - a) 1inch to 6 Miles
 - b) 1cm to 2 Kms
13. The distance measured between two points on a map is 2cms. The corresponding distance on an aerial photograph is 10cms. Calculate the scale of the photographs when the scale of the map is 1:5000?
14. Calculate the standard deviation for the following scores.

X
11
13
15
17
19

15. If the radius of the reduced earth is 3.5cms and interval is 15° find out the distance between meridians for constructing a cylindrical equal area projection

SECTION –D
Answer Any Two Questions Each Carries four Marks (2x4 =8)

16. Construct a pie diagram for the given data showing India's export to major regions of the world in 2014 with the software Microsoft excel 2007 for calculation and Microsoft word 2007 for data representation

Regions	% of export
EU	21.1
North America	19.2
Australia	3.7
OPEC	15
African Countries	3.3
Asian Countries	27.6
Other	10.1

Practical Record - 4 Marks
 Viva - 2 Marks
 Field report - 2 Marks

ON THE SPOT QUESTION ANSWER SHEET

2. Identify the various methods of scale represented in the given toposheet

3. Calculate the actual road length between **Mangattidom to Peringome** from the give map using Rotometer

4. Find out the precise location of the given object using GPS

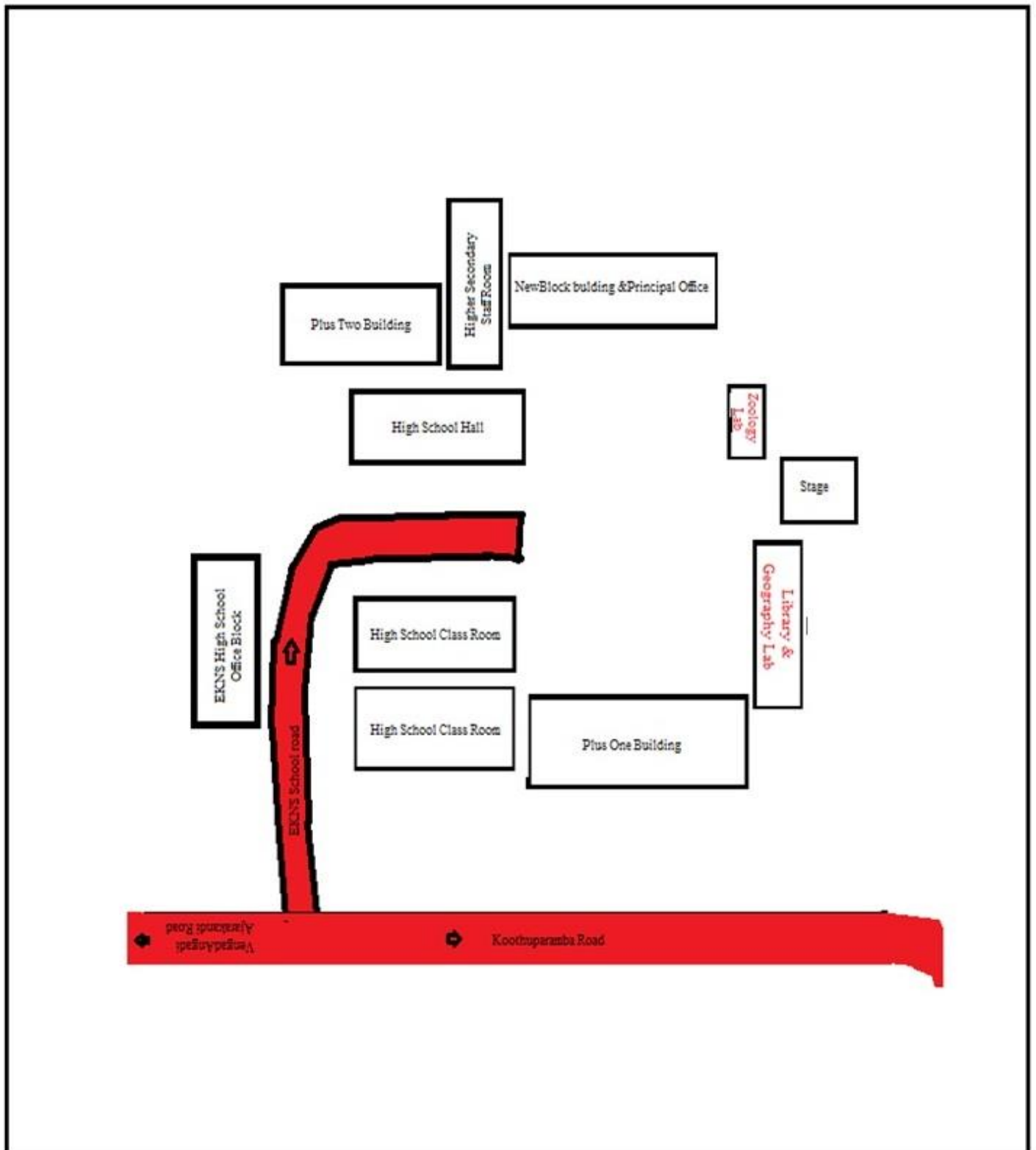
SI No	Items	Feature for identified
1	Name of location feature	
2	Time of measurement	
3	Accuracy	
4	Elevation	
5	Latitudinal extension	
6	Longitudinal extension	
7	No of satellite signal received	

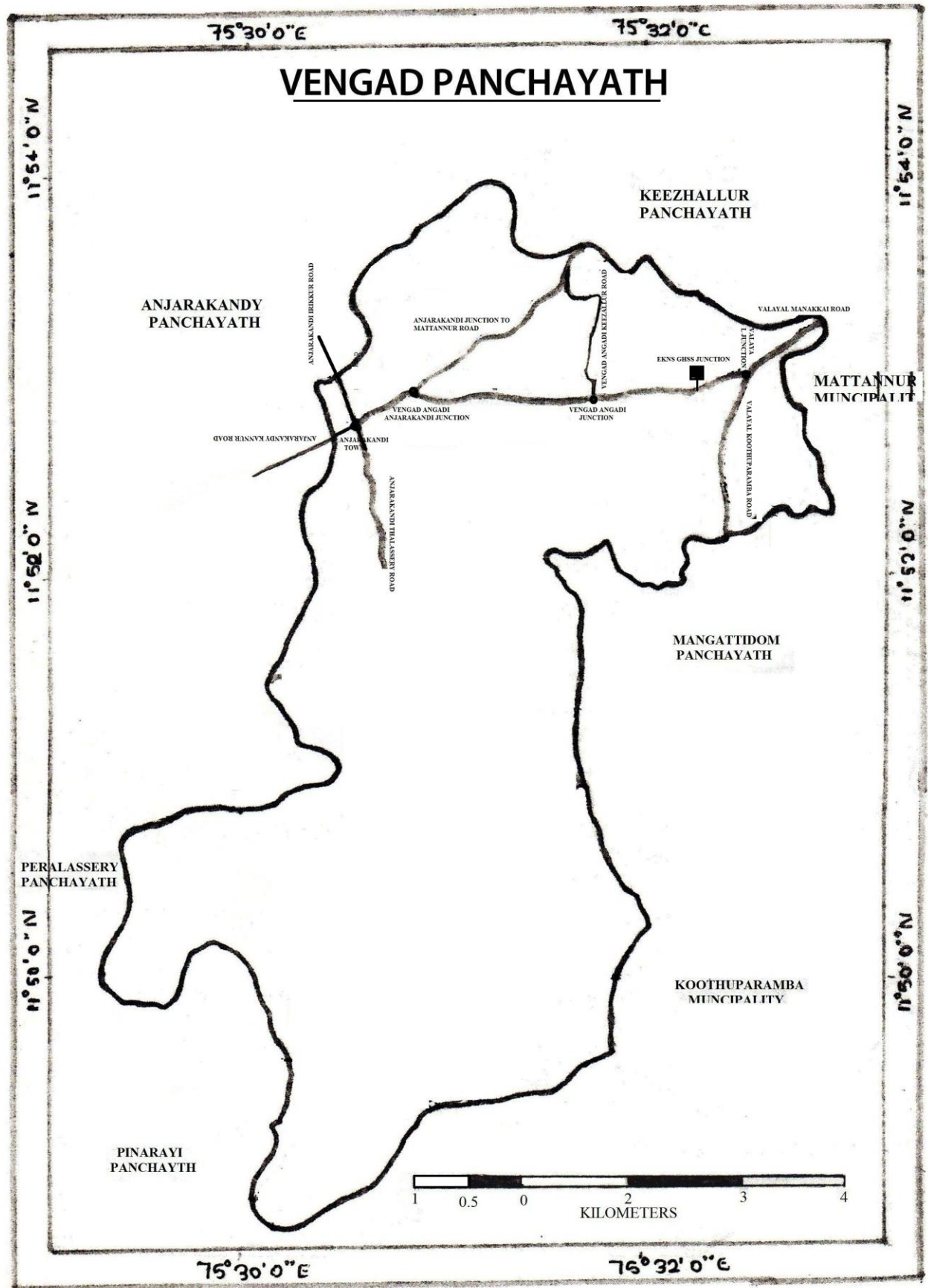
5. Read and mark the temperature and humidity recorded using weather instrument

SI No	Station	Date	Time	Temperature in °C	Humidity in %
1					

6. Identify and mark the following on the given map using magnetic compass

- Identify and mark the north direction of given location map using magnetic compass
- Write heading as EKNS GHSS VENGADVENGAD
- Write sub heading as LAYOUT PLAN
- Mark the location of zoology lab based on your surveying position





Que. No. 3

