HIGHER SECONDARY
GEOGRAPHY PRACTICAL EXAMINATION FEB -2017

MODEL QUESTION PAPER
NO . 1

Prepared by

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HIGHER SECONDARY
GEOGRAPHY PRACTICAL EXAMINATION FEB -2017
Code No.1

HSE11

Max Score: 40 marks
Time: 3hrs

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

1. Calculate the actual road length between Pinarayi to Alakkode from the give map using Rotometer
2. Find out the precise location features of the given object using GPS
3. Read and mark the temperature and humidity using the weather instrument
4. Identify and mark the north direction of given map using magnetic compass.
5. Orient the stereo pair in order to get the 3d vision through stereoscope

SECTION –B
Answer Any Four Questions Each Carries Three Marks (4x3=12)

6. Construct a graphical scale when the given RF is 1:7000 to read the distance in Metres?
7. Draw the contour and their cross section of any of the following three land form features
   a) V Shaped valley b) Waterfall c) Convex slope d) Conical hill
8. Construct a dot map to represent population data of Koothuparamb Block Panchayath from the below given table

Sl No	Name of Panchayath	Total Population
1	Panniyannur	22308
2	Mokeri	19684
3	Kunnothuparamba	39392
4	Pattiyam	30502
5	Chittariparamba	23878
6	Mangattidom	34652
7	Vengad	38606
8	Thrippangottur	29911
9	Panoor	17438

9. Construct a conical projection with one standard parallel with radius of the reduced earth is 3cms, latitudinal extension is from 10^0 N to 70^0 N and longitudinal extension is 120^0E to 180^0 E with projection interval at 10^0

10. Prepare a layout plan using the given data by choosing an appropriate scale
    a. An area with 1500 metres length and 1000 metres width
    b. A perennial river flowing from west to east direction
    c. A paddy field spreads over the north east corner
    d. A metalled road running north to south crossing the river at the centre of the region
    e. A broad gauge railway line running parallel to the metalled road
    f. A perennial pond located close to the bridge and to the west of the metalled road.

SECTION –C
Answer Any Four Questions Each Carries Three Marks (4x2 =8)

11. Determine the local time of Japan located at 128^0 East longitude when the time at Greenwich is 8.AM

12. Calculate the mean from the following data

Months	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Temperature In ^{0}C	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5

13. Convert the following scale of Statement into RF
    a) 1inch to 3 miles
    b) 1cm to 50 meters

14. The distance measured between two points on a map is 4cms. The corresponding distance on an aerial photograph is 12cms. Calculate the scale of the photographs when the scale of the map is 1:10000?

15. Change the given marks of students belongs to different groups into simple tally mark method of data classification

26, 16, 18, 24, 7, 10, 22, 42, 41, 55, 21, 15, 18, 32, 27, 18, 46, 56, 59, 19, 34, 28, 26, 22, 28, 47, 56, 58, 37, 27, 39, 32, 27, 36, 45, 31, 15, 19, 35, 23, 46, 51, 13, 42, 41, 25, 8, 57, 59, 21, 53, 18, 50, 51, 32, 59, 59, 33, 32, 49

SECTION –D
Answer Any One Question Each Carries four Marks (1x 4 =4)

16. Construct a pie diagram for the given data showing India's primary energy use in 2015with the software Microsoft excel 2007 for calculation and Microsoft word 2007 for data representation

SOURCE	IN %
Coal	44
Biomass and waste	24
Petroleum and other	23
Natural gas	6
Hydroelectricity	2
Other renewable	1

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

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REG NO.

ON THE SPOT QUESTION ANSWER SHEET

1. Calculate the actual road length between **Pinarayi to Alakkode** from the give map using Rotometer

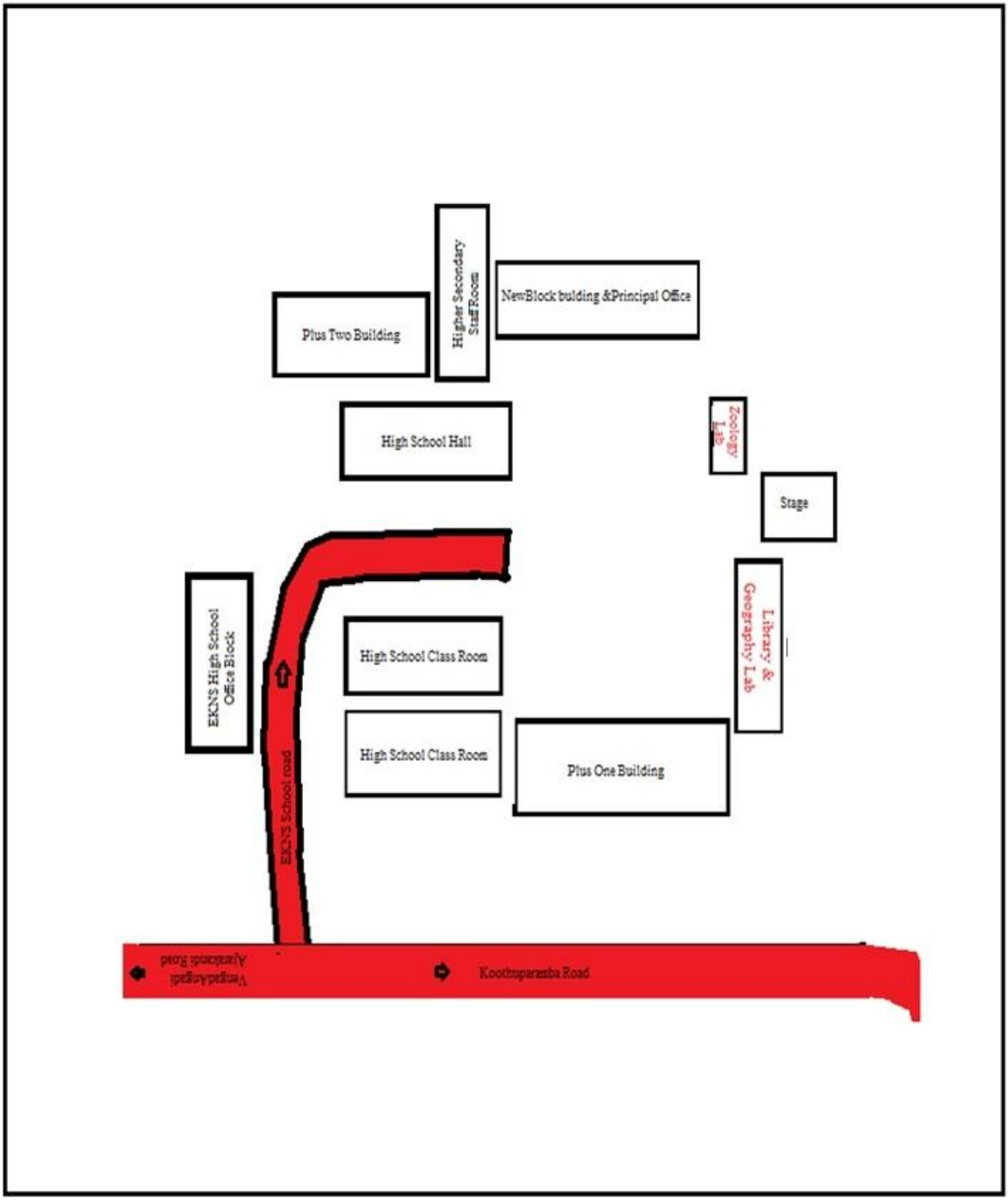
2. Find out the precise location of the given object using GPS

Sl 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	

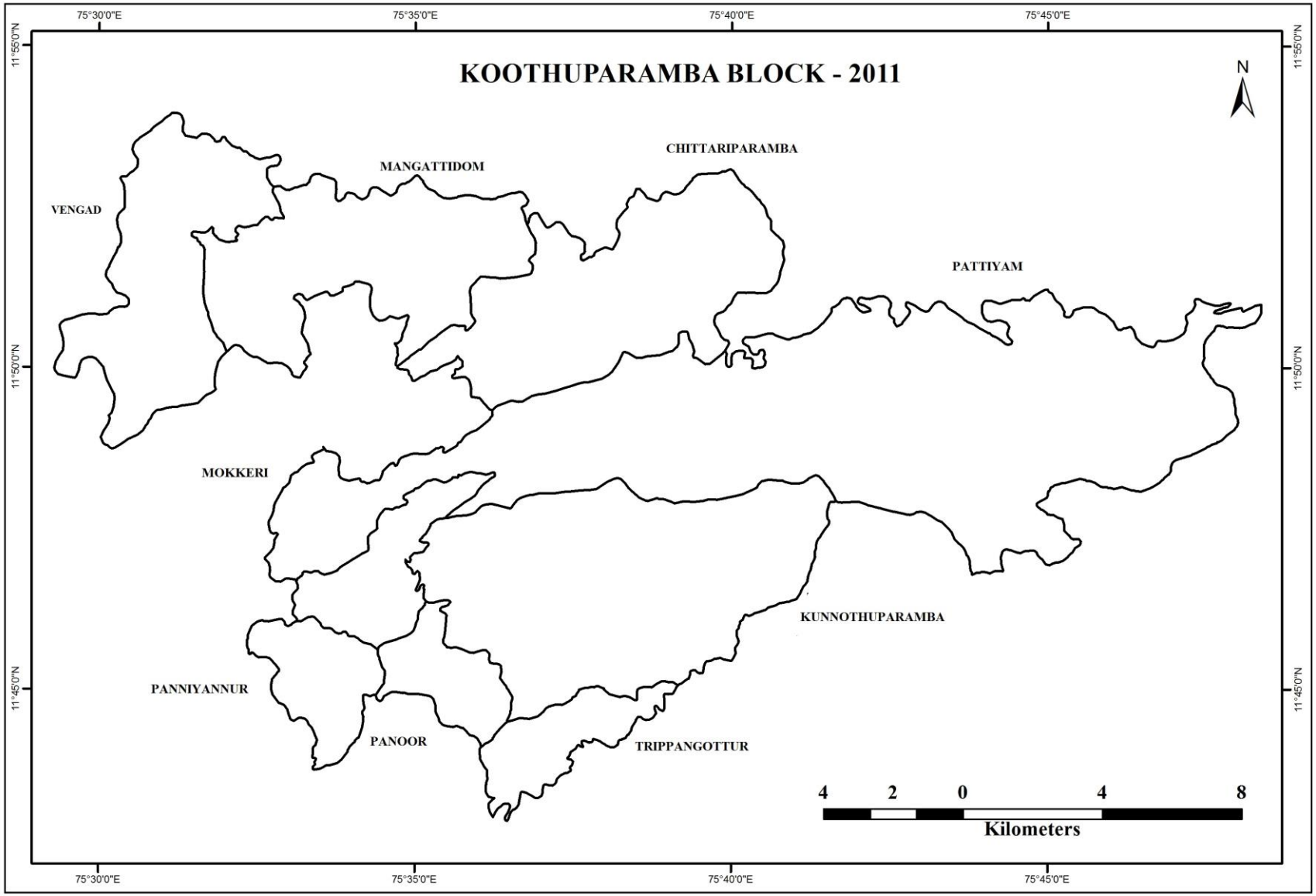
3. Read and mark the temperature and humidity recorded using weather instrument

Sl No	Station	Date	Time	Temperature in ^{0}C	Humidity in %
1					

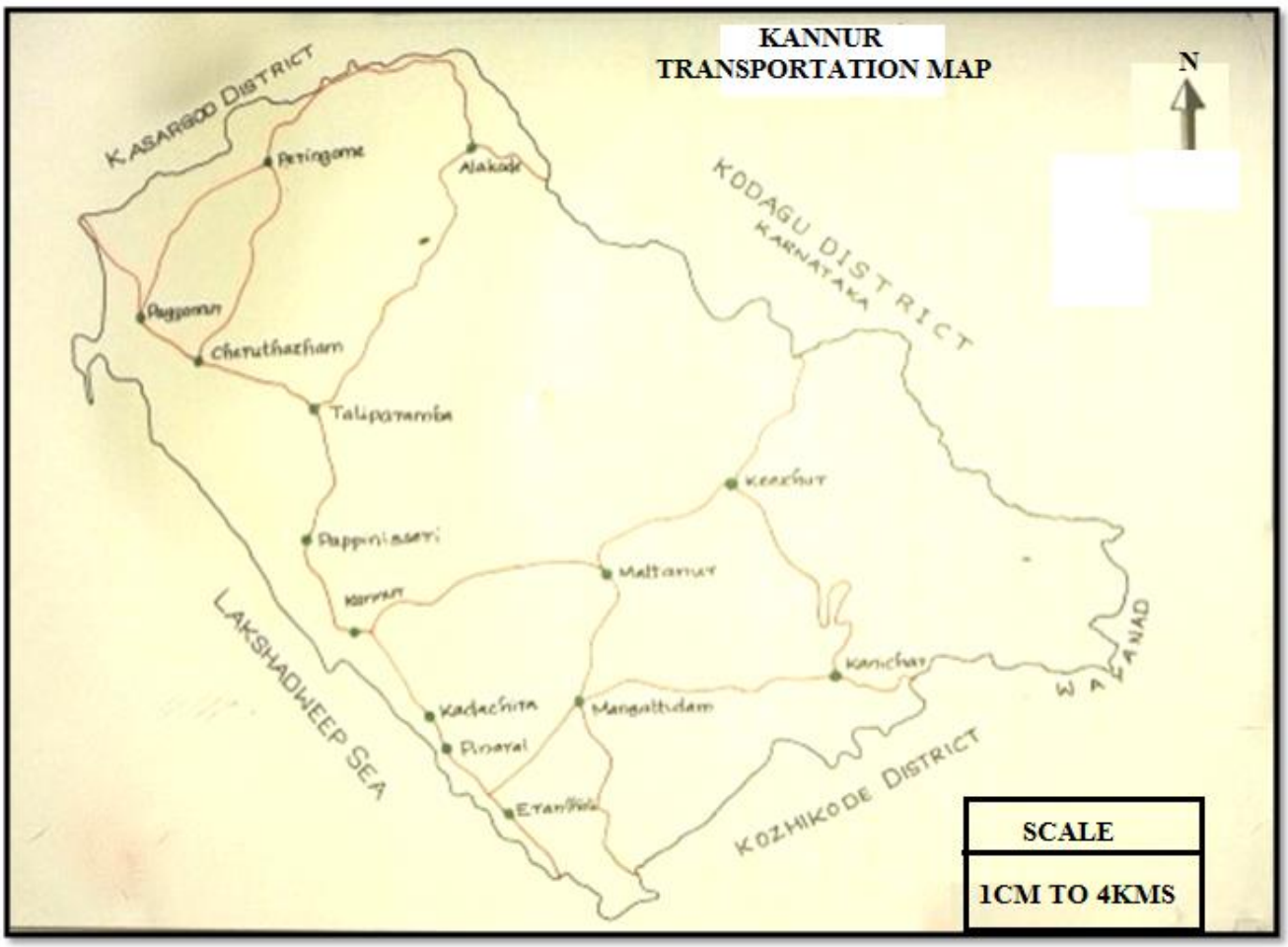
4. Identify and mark the following on the given map using magnetic compass
   - **a.** Identify and mark the north direction of given location map using magnetic compass
   - **b.** Write heading as EKNS GHSS VENGADVENGAD
   - **c.** Write sub heading as LAYOUT PLAN
   - **d.** Mark the location of plus one block based on your surveying position


Plus Two Building
Higher Secondary Staff Room
NewBlock bulding &Principal Office
High School Hall
Zoology Lab
Stage
Library & Geography Lab
EKNS High School Office Block
High School Class Room
High School Class Room
Plus One Building
EKNS School road
Koothuparamba Road
Vengadangal Ayankandi Road

Ques. No 8


KOOTHUPARAMBA BLOCK - 2011
N
75°30'0"E
75°35'0"E
75°40'0"E
75°45'0"E
11°55'0"N
11°50'0"N
11°45'0"N
VENGAD
MANGATTIDOM
CHITTARIPARAMBA
PATTIYAM
MOKKERI
KUNNOTHUPARAMBA
PANNIYANNUR
PANOOR
TRIPPANGOTTUR
4 2 0 4 8
Kilometers

Ques No. 2


KANNUR
TRANSPORTATION MAP
N
KASARGOD DISTRICT
Peringome
Alakode
KODAGU DISTRICT
KARNATAKA
Payyannur
Chenthazham
Taliparamba
Kannur
Pappiniseri
Mattanur
LAKSHADWEEP SEA
Kadachira
Mangaltudam
Kanichar
WAYANAD
Pinarai
KOZHIKODE DISTRICT
SCALE
1CM TO 4KMS