

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

**MODEL QUESTION PAPER
NO .4**

Prepared by



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HIGHER SECONDARY
GEOGRAPHY PRACTICAL EXAMINATION FEB -2017
Code No.4

HSE11

Max Score: 40 marks

Time: 3hrs

SECTION N – A

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

1. Identify the country Chili from globe and also write the continents it belongs.
2. Calculate the actual road length between Pinarayi to Alakkode from the give map using Rotometer
3. Find out the precise location of the given object using GPS
4. Read and mark the temperature and humidity using the weather instrument
5. Identify and mark the north direction of given map using magnetic compass

SECTION –B

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

6. Construct a graphical scale when the given RF is 1:200000 to read the distance in kilometers?
7. Draw the contour and their cross section of any of the following three land form features
a) U Shaped valley b) Concave slope c) Cliff d) Spur
8. Draw the following parallels on the earth having a radius of 5cms
a. 20° North
b. 35° South
c. 70° North
d. 60° South
9. Construct a compound bar diagram to depict the data set as shows India's installed electricity generation capacity in jiga Wats as given below.

YEAR	FOSSIL FUEL	NUCLEAR	HYDRO	TOTAL
2011- 12	708,427	32,286	130,511	871,224
2012 - 13	760,454	32,866	113,720	907,040
2013 - 14	792,477	34,228	134,847	961,552
2014 -15	878,320	36,102	129,244	1,043,666

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

SECTION –C

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

11. Determine the local time of Newzeland located at 110° East longitude when the time at Greenwich is 4.AM
12. Calculate spearman rank correlation with the help of the following data representing marks scored in exam (Mark of 10 students)

Score in Economics (X)	2	8	0	2	12	16	6	18	9	10
Score in Geography (Y)	4	12	6	24	16	18	8	20	9	10

13. Convert the following scale of RF into statement
 - a) RF = 1:2000 (into Metres)
 - b) RF = 1:126720 (into Furlongs)
14. The distance between two points on an aerial photo graph is measured as 8cms. The known distance between the same two points on the ground is 8kms. Compute the scale of the aerial photograph?
15. If the radius of the reduced earth is 5cms and interval is 10^0 find out the distance between meridians for constructing a Mercator's projection

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 2015 with 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 Marks

ON THE SPOT QUESTIONS

1. Identify the country Chili from the given globe and also write the continents it belongs

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

3. 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	

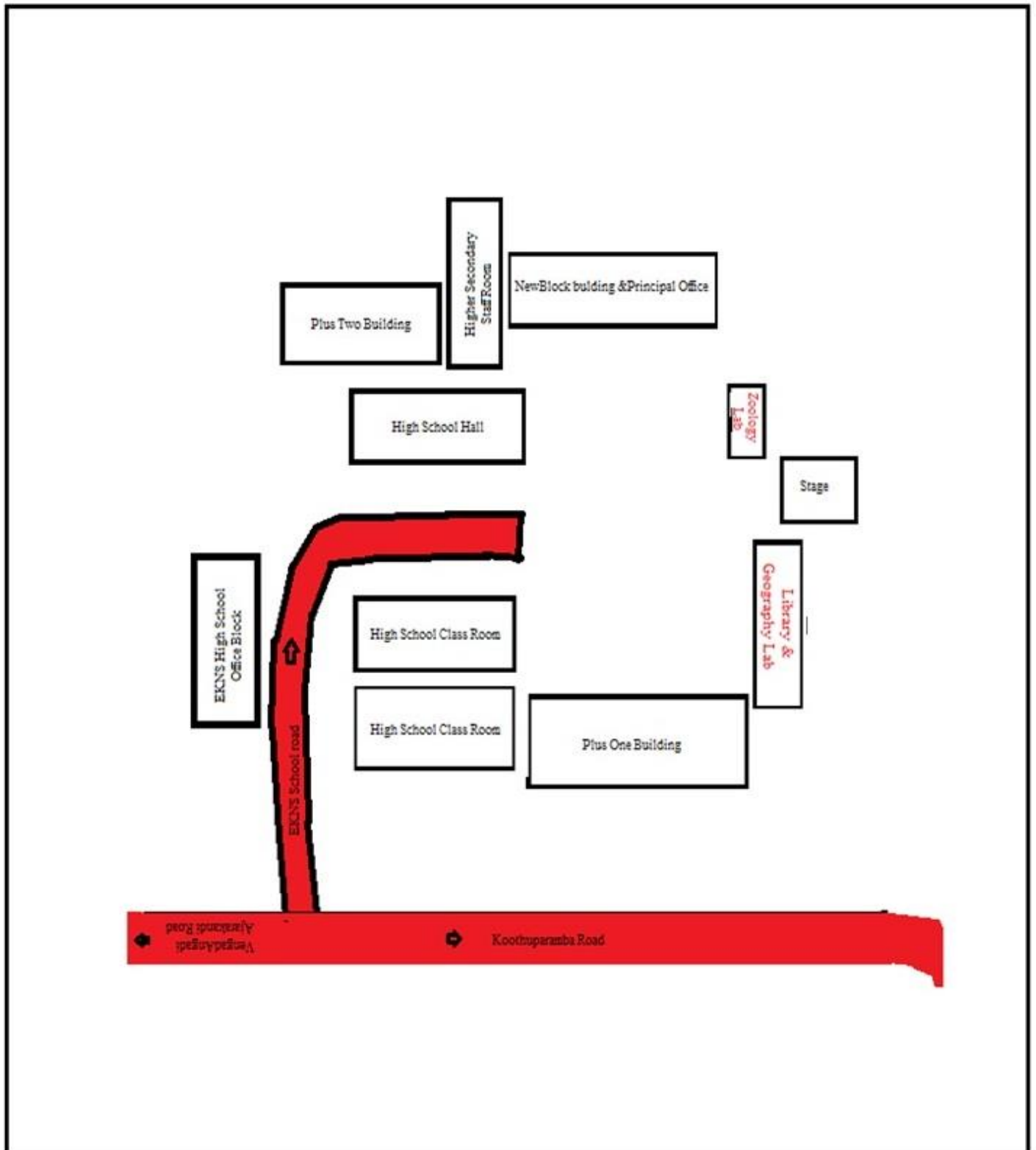
4. Read and mark the temperature and humidity recorded using weather instrument

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

5. 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 Library and Geography block based on your surveying position

Que. No. 5



Ques .No 2

