Higher Secondary Examination Feb/March 2017
Geography Practical

Max. Score: 40 Time: 3hrs

On the spot

Answer Any Four

(4 x 2 = 8)

1. Identify the types of maps displayed.
2. Identify the displayed weather instruments and tell their uses.
3. Write the marginal information of the given toposheet.
4. Orient the stereopair in order to get the 3D vision through stereoscope.
5. Find out the precise location of the given object using GPS.
6. Categorise the computer hardware parts as input, output and storage device.

Drawing (4 x 3 = 12)

Answer any four

1. Construct the graticule for an area stretching between 0^o N to 90^o N latitudes and 15^o E to 105^o E longitudes on a conical projection with one standard parallel. The scale of the map is 1:180,000,000 and the projection interval is 15^o.

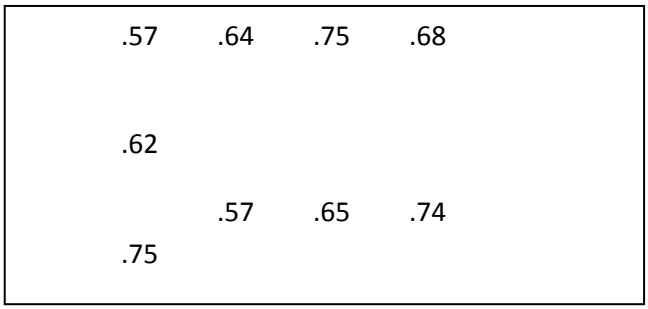
2. Draw contour cross sections for the following features.
   a) V shaped valley b) Water fall
3. Draw a wind rose diagram with the given data.

Wind direction	No of days
N	16
NE	23
E	12
SE	57
S	86
SW	104
W	35
NW	43
Calm	2

4. Draw the conventional signs and symbols for any six of the following.

   a) fort b) tidal river c) Church d) metalled road e) bamboo
   f) Lighthouse g) temple h) reserved forest

6. Draw Isolines in the following figure.



Calculation (4x2=8)

Answer any Four

1. Convert the given R.F into statement of scale
   a) R.F 1: 1,26,720
   b) R.F 1: 2,00,000
2. Convert the given statement of scale into R.F
   a) 1 cm represents 1 Km
   b) 1 inch represents 1 mile
3. Calculate mean, median, and mode for the given data.

Class	10-20	20-30	30-40	40-50	50-60
Frequency	2	5	12	7	3

4. Calculate the local time for the following places when GMT is 11 am on 20th January 2017.

   a) 60^0 W b) 110^0 E

5. Calculate the actual road distance between the given places from the toposheet provided.
6. Calculate the distance between 8^0 N and 37^0 N.

Computer Aided (1x4=4)

Answer any one

1. Calculate the mean using statistical function.

Class	10-20	20-30	30-40	40-50	50-60
Frequency	2	5	12	7	3

2. Prepare a suitable statistical diagram for the given data

Crop	1989 – 90	1990 – 91	1991 – 92
Rice	470	600	600
Wheat	430	450	465
Coarse cereals	245	300	305

PRACTICAL RECORD : 4 Scores
FIELD SURVEY REPORT: 2 Scores
VIVA VOCE : 2 Scores