

**Semester End Examination, Oct-Nov. 2019**

Programme: B.A.B.Ed.

Subject: - Geography (Practical )

Course Code:

Course Title: Introduction to Cartography

Category:

Semester: I

Paper No:

Time: 3 Hours

Max. Marks: 50

Instructions:

1. The question paper contains 10 questions spread across 02 pages
2. All questions are compulsory.
3. Figures to right indicates full marks .
4. Use of map stencil and calculators are allowed.
5. Draw sketches/ diagram wherever necessary.

Q 1. Draw a neat diagram to show  $23\frac{1}{2}^{\circ}$  north latitude ,  $66\frac{1}{2}^{\circ}$  south latitude and  $23\frac{1}{2}^{\circ}$  south latitude  $66\frac{1}{2}^{\circ}$  north latitude of the planet earth and give it names. (1 x 2 = 2)

Q 2. Find out the following. (4 x2 =8 )

- A) If time at Greenwich is 5 am , What is the longitude of place where the time is 9 am ?
- B) It is 9.00 am on  $30^{\circ}$  E , what is longitude of a place where the time is 2.00 pm ?
- C) The longitude of place A is  $70^{\circ}$  E. It is 2.00 pm according to local time. What will be the time at place B situated  $30^{\circ}$  E ?
- D) It is time at Greenwich 3.00 am , What will be the time at  $90^{\circ}$  East longitude ?

Q 3. Show following on the supplied map of India (2 x2 =4 )

- A) The longitude that determine Indian Standard time (IST)
- B) Draw the longitudinal and latitudinal of Madhya Pradesh.

Q 4. What is Cartography and Explain its significance in Geography. (1 x 4 = 4 )

Q 5. Define map and explain the classification of map on the basis of scale. (1 x 2 = 2 )

Q.6 A) The scale of the map is 2 cm to 2 km . Find out the RF and draw a plain scale for map.

(2 x 2 = 4 )

B) Draw a plain scale in km and meter for RF 1: 1 50 000 and write it in verbal scale.

(4 x 1 = 4 )

Q 7. Do as directed.

A) Convert the following RF scale into statement scale.

i) 1: 25 00 000 (Metric System)

ii) 1: 30 00 000 (Metric System)

iii) 1 : 380160 (British System)

iv) 1: 190080 (British System)

B) Convert the following scales into RF scale .

(4 x 1 = 4 )

i) 2 cm = 200 km

ii) 4 cm = 100 km

iii 1 inches = 6miles

iv) 2 inches = 4 miles

Q 8 Explain the types of scale with example.

( 1 x 3= 3 )

Q 9 Define globe and explain the characteristics of globe.

(1 x 5 = 5 )

Q 10 Journal / Viva

( 5 + 5 =10)