F. Y. B. A. B. Ed. Semester End Examination

(Regular)

Course Title: Introduction to Cartography

Subject : (Geography)   **Course Type:** (Comp)

Semester I   **Duration:** 3 Hours   **Max Marks:** 50

Instructions:

1. This question paper contain 10 questions spread across **02 pages**

2. All questions are compulsory.

3. Figures to right indicate full marks.

4. Use of map stencil and non-programmable calculator are allowed.

5. Draw Sketch/ diagram wherever necessary.

Q.1. Draw a neat and labelled diagram to show major latitudes.   1x2 = 2

Q.2. Find the following.   4 x2 = 8

A) If the time at Greenwich is 6.00 am then what is the longitude of the place where the time is 8 am?

B) It is 10.00 am on 30° E then what is the longitude of a place where the time is 3.00 pm?

C) The longitude of place 'A' is 90°E and it is 4.00 pm according to the local time. What is the time at place 'B' situated 60°E?

D) It is time 7.00 am at 40°E on Monday, what is the time at 90°E?

Q.3. On the supplied map of India show the following.   2 x2 = 4

A) The longitude that determine Indian Standard time (IST)

B) Draw the longitudinal and latitudinal extent of Rajasthan

Q.4. What is Cartography and explain its significance in Geography.   1x4 = 4

Q.5. Differentiate between latitude and longitude.   1x2 = 2

Q.6 Enlarge the given map of Bardez Taluka to the scale 1cm=80 km. The scale of the given map is 1cm=160 km. The side of square of the given map is 0.5 cm. Find out the side of square on the new map and draw it accordingly. 1x4 = 4

Q.7. Do as directed. 4x1= 4

A) Convert the following RF scale to verbal scale.

i) 1:50 00 000 (Metric System)

ii) 1:25 000 (Metric System)

ii) 1:253440 (British System)

iv)1: 190080 (British System)

B) Convert the following scales to RF scale. 4x1= 4

i) 1 cm= 0.75 km

ii) 5 cm= 10 km

iii) 1 inches= 8 miles

iv) 2 inches = 4 miles

Q 8 On the basis of scale explain the types of map. 1x3 = 3

Q.9. Explain the characteristics of Globe and Map. 1x5 = 5

Q. 10. Certified Journal and performance at the Viva-voce 5+5 = 10

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