F. Y. B. A. B. Ed. Semester End Examination
(Special Repeat, June, 2023)

Course Title: Introduction to Cartography

Subject: (Geography Practical)

Course Type: (Comp.)

Max Marks: 50

Semester I   **Duration:** 3 Hours

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.   1 x 2 = 2

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

A) If the time at Greenwich is 5.00 am then what is the longitude of the place where the time is 7 am?

B) It is 90.00 am on 30° E then what is the longitude of a place where the time is 2.00 pm?

C) The longitude of place 'A' is 70ºE and it is 4.00 pm according to the local time. What is the time at place 'B' situated 50ºE?

D) It is time 6.00 am at 40ºE on Monday, what is the time at 80ºE?

Q.3. On the map supplied show the following: 2 x 2 = 4

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

B) Draw the longitudinal and latitudinal extent of Maharashtra

Q.4. Explain the significance Cartography in Geography.   1x4 = 4

Q.5. Differentiate between the Equator and the Prime Meridian.   1x2 = 2

Q.6 Draw any two evidences to prove Earth's Sphericity.   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= 02 km

ii) 6 cm= 12 km

iii) 1 inches= 2 miles

iv) 2 inches = 4 miles

Q 8 What is Scale and differentiate large scale and Small scale map.   1x3 = 3

Q.9. Explain the merits and demerits of using Globe and Map.   1x5 = 5

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

THE END

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