

FYBABED Semester End Examination (Regular)

Course Title: Introduction to Cartography

Subject: Geography Practical

Course Type: Elective

Semester: I

Duration: 3 Hours

Max Marks: 50

Instructions:

- All questions are compulsory having internal choice.
- Figures to the right indicate maximum marks allotted.
- The question paper contains 10 questions spread across 02 pages.
- Draw neat and clean diagram wherever applicable.
- Use of map stencil and calculators are allowed.

Q.1. Draw a neat label diagram of longitudes. (1x2=2)

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

A. St. Francisco in USA is located at $115^{\circ}W$ and the time is 4.00 am. What will be the time in Goa which is located at $75^{\circ}E$?

B. It is 4.00 pm at $70^{\circ}W$ on Tuesday. What will be the time and date at $165^{\circ}W$?

C. The longitude of place 'A' is $100^{\circ}E$. It is 4.00 pm on 22nd June according to local time. What will be the time at place 'B' situated $60^{\circ}E$?

D. It is 5.00 am on July 15 (Friday) at $70^{\circ}E$. What will be the time and day at the place located at $50^{\circ}W$?

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

A. The longitude that determines Indian Standard time (IST)

B. Draw the longitudinal and latitudinal of Goa.

Q.4. Define the term scale and explain its significance in Geography. (1x4=4)

Q.5. Differentiate between map and globe. (1x2=2)

Q.6. Enlarge the taluka Bardez to the scale 1cm= 40 km. The scale of given map is 1cm=160 km. The side of square of given map is 0.5 cm. Find out the side of square on the new map and draw it on supplied paper. **(1x4=4)**

Q.7. Do as directed. **(4x1=4)**

A) Convert the following RF scale into verbal scale.

- i.** 1:50000 (Metric System)
- ii.** 1:380160 (Metric System)
- iii.** 1:2500000 (British System)
- iv.** 1: 275000 (British System)

B) Convert the following scales into RF scale. **(4x1=4)**

- a.** 4 cm= 18 km
- b.** 2 cm= 240 km
- c.** 1 inches= 4 miles
- d.** 1.5 inches = 3 miles

Q.8. Focus on the characteristics of the longitudes. **(1x3=3)**

Q.9. Give a detailed note on significance of cartography. **(1x5=5)**

Q.10. Journal/ Viva **(5+5= 10)**