

PRABODHAN EDUCATION SOCIETY'S  
VIDYA PRABODHINI COLLEGE OF COMMERCE, EDUCATION,  
COMPUTER AND MANAGEMENT, VIDYANAGAR, PARVARI, GOA.

**F.Y.B.A.B.Ed. SEMESTER END EXAMINATION**

**OCT-NOV/ 2018-19 (REGULAR)**

**SUB:** Geography

**Title :-** Introduction to Cartography

**SEMESTER:** I

**DURATION:** 3 hours

**MAX. MARKS :** 50

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- Instructions:**
- All questions are compulsory.
  - Figures to right indicates full marks .
  - Use of map stencil and calculators are allowed.
  - Draw sketches/ diagram wherever necessary.
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- Q 1. Draw a neat diagram to show important latitudes of the planet earth. 2 Marks
- Q 2. Find out the following. 8 Marks
- It is time 6 am at  $40^{\circ}$  E on Monday . What will be time on  $90^{\circ}$  E. ?
  - If the time at Greenwich is 5.00 pm on May 20 . What will be the longitude at which the time is 1.00 am on May 21 ?
  - The longitude of place A is  $105^{\circ}$  W. It is 2.00 pm according to local time. What will be the time at place B situated  $45^{\circ}$  W ?
  - It is time at Greenwich 5.00 am , What will be the longitude at which the time is 1.00 am?
- Q 3. Show following on the supplied map of India 4 Marks
- The longitude that determine Indian Standard time (IST)
  - Draw the longitudinal and latitudinal extent of Bihar .
- Q 4. Define Globe and write the characteristics of Globe . 4 Marks
- Q 5. Write any four characteristics of Longitude. 2 Marks
- Q.6 A) Distance between two point on a map is 5 cm . The distance between same two point on ground is 2.50 km . find out RF and construct a plain scale showing km and meters. 4 Marks
- B) Draw a plain scale in km and meter for RF 1: 50 000 and write in verbal scale.

Q 7. Do as directed.

4 Marks

A) Convert the following RF scale into statement scale.

i) 1: 30 00 000 (Metric System)

ii) 1: 50 00 000 (Metric System)

iii) 1 : 506880 (British System)

iv) 1: 25344 (British System)

B) Convert the following scales into RF scale .

4 Marks

i) 4 cm = 20 km

ii) 2.5 cm = 8 km

iii) 2 inches = 6 miles

iv) 6 inches = 8 miles

Q 8 Explain the types of Map on the basis of scale .

3 Marks

Q 9 Differentiate between latitude and longitude.

5 Marks

Q 10 Journal / Viva

10 Marks