

2022

UNIVERSITY OF CALCUTTA EXAMINATION  
CONDUCTED BY LORETO COLLEGE  
B.A./B.Sc. Semester III GENERAL EXAMINATION, CBCS SYSTEM  
GEOGRAPHY - GENERAL  
GEO - G – 03 - P HUMAN GEOGRAPHY

FULL MARKS: 30

*The figures in the margin indicate full marks for each question*

1. Draw a Time series using the Three year moving average method to show the production of Iron ore in India from 2007 – 2019 on the basis of the data provided in the Table below.

(15)

YEAR	PRODUCTION OF IRON ORE (in '000 tonnes)
2007 - 2008	1398
2008 - 2009	1515
2009 -2010	1877
2010 – 2011	2200
2011 – 2012	2423
2012- 2013	2705
2013 – 2014	2588
2014 - 2015	2795
2015 – 2016	3020
2016 – 2017	3260
2017 – 2018	3487
2018 - 2019	3840

- 2a. What is decadal arithmetic growth rate? Give the formula. (2)
- 2b. Plot the decadal arithmetic growth rate with bar graphs giving the calculations. (3+6+1)

STATES	2001	2011	2021
Orissa	36804660	41974218	47654822
Assam	26655528	31205576	36024656
Kerala	31841374	33406061	35800000

- 3a . What is NNA? (1)
- b. What is the formula for its calculation? (1)
- c. What is the source of the information and data which is used for this calculation? (1)

