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MSD-020

**MASTER OF ARTS
(SUSTAINABILITY SCIENCE) (MASS)**

Term-End Examination

December, 2023

**MSD-020 : POPULATION, HEALTH AND
SUSTAINABILITY**

Time : 3 Hours

Maximum Marks : 100

Note : (i) Answer any **ten** questions.

(iii) All questions carry equal marks.

1. Define population growth. Differentiate between arithmetic and exponential population growth. 2+8
2. What is meant by life expectancy ? What measures can be taken to improve the life expectancy of population ? 2+8
3. Discuss the challenges of high population growth. 10
4. What are the post and pre-industrial phases of demographic transition. 10

P. T. O.

5. Write short notes on the following : 5+5
 - (a) Crude Fertility Rate
 - (b) Population Momentum
6. Any development programme is considered sustainable when it is socially acceptable and environmental friendly. Comment on the statement. 10
7. Explain the challenges of ageing population in a country. 10
8. Establish the relationship between age compositions and dependency ratio. 10
9. Explain the importance of nutrition security for sustainable development. 10
10. Define Pandemics. How international cooperation and partnership can help to curtail pandemics. 2+8
11. Define Human Development. Explain how changing population structure influences human development. 2+8
12. Highlight the major environmental problems of today that are threatening the enjoyment of Human Rights. 10