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**MSD-020**

**MASTER OF ARTS IN  
SUSTAINABILITY SCIENCE**

**(MASS)**

**Term-End Examination**

**June, 2023**

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

*Time : 3 Hours*

*Maximum Marks : 100*

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***Note :** Answer any **ten** questions. Each question carries equal marks.*

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1. Describe the terms total fertility rate and zero population growth. 5+5
2. What challenges India might face in future owing to declining birth rate and growing elderly population ? 10
3. What do you mean by food security ? How population matters to food security ? 5+5
4. Explain the Malthusian theory on Human Population. 10

**P. T. O.**

5. "The distribution of population of the world is uneven." Comment on the statement. 10
6. How does good health and well-being contribute towards the attainment of Sustainable Development Goals, 2030 ? 10
7. Differentiate between pandemic and epidemic with suitable examples and case studies. 10
8. How are women and children more affected by climate change ? 10
9. Discuss the elements of effective population policy with reference to India. 10
10. What is demographic dividend ? What are the possible ways so that India can utilize its demographic dividend in best manner ? 2+8
11. Explain the types of population growth curves. 10
12. What do you mean by population stabilization? Explain. 10