

**M.D. DEGREE EXAMINATION**  
**BRANCH XV – COMMUNITY MEDICINE**  
**PAPER III – HEALTH CARE OF SPECIAL GROUPS**

*Q.P. Code: 202053*

**Time : Three Hours**

**Maximum : 100 Marks**

**I. Essay:** **(2 x 15 = 30)**

1. Discuss the effect of industrialization on health. List the measures to improve health in such settings.
2. List the factors affecting fertility and population growth. Suggest possible approaches to modify those factors.

**II. Short notes:** **(10 x 5 = 50)**

1. Discuss the occupation related musculoskeletal disorders and prevention.
2. Maternal Mortality Ratio: definition, leading causes and sources of information.
3. Estimation of number of pregnancies and methods of tracking pregnancies in a specified area.
4. Strategies to promote the 'Rights of Children'.
5. Factors influencing the gene frequencies in a population and the application of the Hardy-Weinberg Law.
6. Strategies for the promotion of mental health of a community.
7. Personal protective equipments in work place.
8. Screening for health related risk factors in factories.
9. Prevention of mother to child transmission of infections.
10. Occupational infections and preventive measures.

**III. Reasoning Out:** **(4 x 5 = 20)**

1. Gender equality in sustainable development goals.
2. Prevention of falls in elderly.
3. Measures to prevent communicable diseases in the school environment.
4. Community based nutritional interventions for children.

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