

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 0723]

JULY 2023

Sub. Code: 2052

(MAY 2023 EXAM SESSION)

M.D. DEGREE EXAMINATION

BRANCH XV – COMMUNITY MEDICINE

PAPER II – COMMUNITY MEDICINE

Q.P. Code: 202052

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. What are Microplastics? Discuss sources of Microplastics and its effects on human health. Discuss in detail the steps taken by Government of India to reduce plastic pollution.
2. What is Palliative care? What are the dimensions and levels of Palliative care? Describe the pain management algorithm under the National Palliative care Programme 2012 with details of WHO ladder for Cancer pain.

II. Short notes:

(10 x 5 = 50)

1. 6X6X6 strategy in Anaemia control.
2. What is the difference between Comprehensive and Selective Primary Health Care? Mention the different components of Comprehensive Primary Health Care under Ayushman Bharat.
3. Enumerate the Challenges in implementation of Medical Certification of Cause of Death Program in India.
4. Windrow composting.
5. Strategies for environmental and case surveillance for Polio in India.
6. Syndromic approach Vs Laboratory approach in Reproductive tract infection management.
7. Biological vector control methods in Dengue.
8. What is Y-Y paradox? Discuss the advantages and disadvantages of different tools for assessment of obesity.
9. Management of a child born to HIV positive mother.
10. Discuss the rationale, indications and contraindications for Tuberculosis Preventive therapy in India.

III. Reasoning Out:

(4 x 5 = 20)

1. Drinking Reverse Osmosis water cause more bodily harm than contaminants found in water- Justify.
2. Need for adopting targeted approach rather than universal mega dose Vitamin A supplementation in India - Justify the statement.
3. “Avoid whites” is the healthy recommendation for diet, critically analyses this.
4. Montreal protocol considered as a powerful climate treaty than Kyoto protocol – Justify.
