Rajiv Gandhi University of Health Sciences, Karnataka
MBBS Phase – III (PART I) (CBME) Degree Examination - 18-Jan-2025

Time: Three Hours   Max. Marks: 100 Marks

COMMUNITY MEDICINE – PAPER – II (RS-4 & RS-5)
QP CODE : 1036
(QP contains two pages)
Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS   **2 x 10 = 20 Marks**

1. Describe the epidemiology of Leprosy. Outline the measures for Leprosy control in India.

2. Define Perinatal mortality rate. Discuss the social and biological variables associated with Perinatal mortality. Describe the strategies to reduce perinatal mortality in India.

SHORT ESSAYS   **8 x 5 = 40 Marks**

3. Enumerate the types of drug resistant Tuberculosis. Outline the management of Multidrug resistant tuberculosis.

4. State the WHO classification of Body Mass Index. Describe the lifestyle measures to reduce obesity.

5. Discuss the preventive measures for Juvenile Delinquency.

6. Discuss the different options for hormonal contraceptives available under the Family Welfare programme in India.

7. As a medical officer, construct a plan for conducting a screening programme for Diabetes Mellitus in a village with a population of 900.

8. Enumerate the emotions which have a bearing on health. Explain the role of Emotions in health and disease.

9. List the criteria for selection of ASHA worker. What are the key functions of ASHA.

10. Discuss the salient features of Mission Indradhanush.

SHORT ANSWERS   **10 x 3 = 30 Marks**

11. Mention any three objectives of HIV sentinel surveillance.

12. Define Chandler's Index.

13. Enumerate the components documented in Growth Chart.

14. Enumerate the Job responsibilities of Female Health Worker.

15. Define Hidden Hunger and its consequences.

16. List the salient features of Janani Suraksha Yojana.

17. Enumerate the essential elements of Community Mental Health Programme.

18. List the COVID-19 Vaccines available in India.

19. Enumerate the quantitative methods among management techniques.

20. List the job responsibilities of Mid-Level Health Providers (MLHP).

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Multiple Choice Questions   **10 x 1 = 10 Marks**

21 i)   "The Switch" under the Polio Eradication Programme during 2016 was change over from
    A. tOPV to bOPV
    B. OPV to IPV
    C. IPV to FIPV
    D. bOPV to IPV

21 ii) The risk of accidents due to drunken driving increases when the blood alcohol concentration is above:
    A. 0.03 g/dL
    B. 0.04 g/dL
    C. 0.05 g/dL
    D. 0.06 g/dL

21 iii) Breast feeding should ideally be initiated in Normal delivery within ....hour/s
    A. 1
    B. 1 ½
    C. 2
    D. 2 ½

21 iv) Which of the following is NOT an index for Socio economic Classification as per Modified Kuppuswamy scale:
    A. Educational Status
    B. Occupational Status
    C. Housing Condition
    D. Income

21 v)   Most widely used dependence producing drug is
    A. Cannabis
    B. Cocaine
    C. Alcohol
    D. Heroin

22 i)   Health and wellness centres are:
    A. Primary health centers and subcenters
    B. Located in Slums
    C. Special mobile clinics
    D. New centers in rural and tribal areas

22 ii) While mitigating the COVID-19 pandemic, Police department, health department, Municipal bodies and many other departments were engaged in contact tracing. This is an example of
    A. Intersectoral coordination
    B. Team work
    C. Community participation
    D. Disaster management protocol

22 iii) Which of these individuals are included under the geriatric population?
    A. People between 10-19 years
    B. People over 45 years
    C. People over 60 years
    D. People between 15-49 years

22 iv) The solution recommended by WHO for intravenous infusion in treatment of dehydration is
    A. Dextrose Normal Saline solution.
    B. 5% dextrose solution.
    C. 25% dextrose solution.
    D. Ringer's lactate solution

22 v)   Intensified case finding in targeted group at high risk areas is done to increase the detection rate of
    A. Measles
    B. Chickenpox
    C. Dengue
    D. Tuberculosis

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