



RAN-2406000103020602

3rd MBBS- Part-I, Examination November - 2025

Community Medicine Paper-II-Nov 2025- Set-1

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book

Seat No.:

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Student's Signature

SET-1

Q.1.

MCQ

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- Iodine requirements during Lactation is:
 - 100 mcg per day
 - 150 mcg per day
 - 220 mcg per day
 - 290 mcg per day
- In which stage of the demographic cycle is India currently?
 - High stationary
 - Late expanding
 - Early stationary
 - Low stationary
- Economic benefits of any programme are compared with the costs incurred in:
 - Cost benefit analysis
 - Cost effective analysis
 - Cost accounting
 - Network analysis
- Which of the following are true regarding principles suggested for Mid-day meal programme, except?
 - Meal should be a supplement only not a substitute for home diet
 - Meal should provide 1/2 calories and 1/3 proteins
 - Meal cost should be low
 - Complicated cooking process must not be involved
- MMR should be expressed in terms of:
 - Per 100000 births
 - Per 1000 births
 - Per 1000 pregnancy
 - Per 100000 live births
- Pearl index is used to evaluate:
 - Family planning
 - Contraceptive acceptance
 - Population control
 - Contraceptive failures
- All of the following are included in methods based on behavioural sciences except:
 - Personal management
 - System analysis
 - Management by objectives
 - Communication
- Oral contraceptive cause all side effects except:
 - Monilial vaginitis
 - Pituitary adenoma
 - Ca uterus
 - None
- A temporary, provisional view held by people on a point of debate is:
 - Opinion
 - Practice
 - Attitude
 - Belief
- Energy requirement in late pregnancy for a moderate worker is
 - 2500 cal
 - 1400 cal
 - 1000 cal
 - 500 cal

11. Population covered by Anganwadi in tribal area is
 - a) 1000
 - b) 300-800
 - c) 400
 - d) 100
12. A physician, after examining a group of patients of a certain disease, classifies the condition of each one as 'Normal', 'Mild', 'Moderate' or 'Severe'. Which one of the following is the scale of measurement that is being adopted for classification of the disease condition?
 - a) Normal
 - b) Interval
 - c) Ratio
 - d) Ordinal
13. The events A and B are mutually exclusive, so
 - a) $\text{Prob (A or B)} = \text{Prob (A)} + \text{Prob (B)}$
 - b) $\text{Prob (A and B)} = \text{Prob (A)} \times \text{Prob (B)}$
 - c) $\text{Prob A} = \text{Prob (B)}$
 - d) $\text{Prob A} + \text{Prob (B)} = 1$
14. Smoking is preventive for:
 - a) Lung cancer
 - b) Chronic bronchitis
 - c) Ulcerative colitis
 - d) CHD
15. Amino acid lesser in rice is:
 - a) Lysine
 - b) Methionine
 - c) Both
 - d) None
16. An adult pregnant female is termed anemic if her hemoglobin venous blood is:
 - a) Less than 11 g/dl
 - b) Less than 12 g/dl
 - c) Less than 13 g/dl
 - d) Less than 14 g/dl
17. Certificate for vaccination during international travel is required in case of:
 - a) Japanese Encephalitis
 - b) Yellow fever
 - c) Cholera
 - d) Yellow fever and Cholera
18. Keshan cardiomegaly occurs due to deficiency of
 - a) Selenium
 - b) Copper
 - c) Zinc
 - d) Iron
19. Method used for comparison of a new test with an available gold-standard test is
 - a) Regression analysis/Likelihood test
 - b) Correlation analysis/Bland and Altman test
 - c) Bland and Altman method
 - d) Kimono and Samleto technique
20. Nearly 3/4th of occupational cancers are:
 - a) Skin Cancer
 - b) Lung Cancer
 - c) Cancer Bladder
 - d) Leukemias

Q.2. Write Long answer question(1 out of 2)

10

1. Define maternal death. Write formula to calculate maternal mortality ratio. Describe causes of maternal death. Write various measures and government strategies to reduce maternal mortality in Gujarat. (1+1+4+4)
2. Enumerate four arboviral diseases. Write epidemiology of Dengue fever in detail. Describe the public health measures for prevention and control of Dengue fever (1+4+5)

- Q.3. Write/ comment short answers (any 2 out of 3) 10**
1. Describe diagnostic algorithm for pulmonary tuberculosis according to National Tuberculosis Elimination Programme
 2. Risk factors for Type 2 Diabetes
 3. Ergonomics
- Q.4. Write answers/reasons in One or two lines 20**
1. Supplementary action of protein
 2. Four side effects of Oral Contraceptive pills
 3. List two variety of Asbestos
 4. Roshansingh Sodhi stays with his wife Roshan and his only son Golgi puttar in Gokuldham society of Goregaon. What is the type of this family?
 5. Write treatment of Paucibacillary Leprosy.
 6. Two measure to prevent Bagassosis
 7. List Four food sources of Calcium
 8. What is modifiable risk factors, list two
 9. Explain Pulses are poor men's meat
 10. Cause and signs of Pellagra
- Q.5. Long answers questions (1 out of 2) 10**
1. List all Non communicable diseases in India and describe preventive measures for Cancers (2+8)
 2. Define primary health care. Describe the principles of primary health care with examples (2+8)
- Q.6 Write/ comment short answers (any 2 out of 3) 10**
1. High risk conditions in antenatal women
 2. Primordial prevention of Mental disorders
 3. What is fiduciary duty?
- Q.7. Write short notes on the following (5 out of 6 each carries 4 marks) 20**
1. Down's syndrome
 2. Epidemic Dropsy
 3. Food fortification
 4. ICDS
 5. Dietary recommendations for pregnant woman
 6. Engineering measures for prevention of occupational diseases
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