

015/24

The West Bengal University of Health Sciences
MBBS 3rd Professional Part-I Examination (New Regulation),
August 2024

Subject: Community Medicine
Paper: II

Full Marks: 100
Time: 3 hours

Attempt all questions. The figures in the margin indicate full marks.

1. a) During your family adoption program how will you assess the nutritional status of family members? What are the common nutritional problems in India? Mention briefly the objectives and strategies of any one National Nutritional program. 5+3+7

b) Outline the services that are provided through a Health and Wellness centre (HWC) as per existing guidelines. Describe with example how inter-sectoral collaboration can contribute to successful health outcome at primary level. 10+5
2. Write on the following:
a) Enlist the contributory factors of Perinatal mortality. Outline the strategies for reduction in Perinatal Mortality Rate (PNMR) in your district. 3+7

b) What is planning? Enumerate different elements of a plan. Describe planning cycle in context to "Reported high contraceptive failure" in your block. 2+2+6

c) What is full form of ASHA? Write down the eligibility criteria for selecting ASHA. Give a brief outline of roles and responsibilities of ASHA. 1+2+7
3. Write short notes on the following: 2 x 5
a) Preventive measures of silicosis.
b) Mental health problems of Geriatric population.
4. Explain the following statements: 5 x 4
a) Culture and Custom are not same.
b) Parboiled rice is nutritionally superior to milled rice.
c) Breast feeding is beneficial to the mother.
d) India is in the 3rd stage of demographic cycle.
e) SWOT analysis and Network analysis are different.

5. Choose the correct option for each of the following:

10x1

i) Ujjwala scheme is for prevention of:

- a) Child abuse
- b) Child trafficking
- c) Child labor
- d) Child marriage

ii) The most sensitive indicator of MCH services is:

- a) Infant Mortality Rate
- b) Maternal Mortality Rate
- c) Perinatal Mortality Rate
- d) Life expectancy at birth

iii) Services not available in a sub-centre:

- a) Immunization
- b) Treatment of minor ailments
- c) Macro-nutrient supplementation
- d) Record births and deaths occurring in the area

iv) All are true about vasectomy except:

- a) Must not bathe for the next 24 hours.
- b) A negative sample of sperm test confirms the success of vasectomy.
- c) Vas is delivered through a puncture in Non Scalpel Vasectomy (NSV).
- d) Chance of complications is reduced from 2% to 0.3% by NSV.

v) Which is incorrect about COCP?

- a) Ethinyl oestradiol is <50 mcg in 21 pills.
- b) Levonorgestrel is 150 mcg in MALA-N.
- c) Pills should be taken from the 5th day of menstruation.
- d) Menstruation starts within 7 days of consumption of iron pills.

vi) All are true about the effects of heat except:

- a) Heat cramps occur after heavy muscular work.
- b) Heat Hyperpyrexia can lead to heat stroke which may be fatal in 40% cases.
- c) Electrolyte loss causes heat syncope.
- d) Rehydration and electrolyte replacement is the treatment for heat exhaustion.

vii) Anemia due to interference with heme synthesis is seen as a result of occupational exposure to:

- a) Chromium
- b) Lead
- c) Mercury
- d) Carbon materials

viii) Denominator age group for calculation of dependency ratio is:

- a) 0-5 years
- b) 5-15 years
- c) 15-65 years
- d) 65 years and above

ix) The statement 'to improve the overall nutritional status of children in a district of West Bengal' is an example of:

- a) Goal
- b) Objective
- c) Target
- d) Indicator

x) For effective group discussion, the group should comprise the following number of members:

- a) 2 - 4
- b) 6 - 12
- c) 15 - 20
- d) 25 - 30