

2206000103030103
EXAMINATION FEBRUARY -MARCH 2024
BACHELOR OF MEDICINE AND BACHELOR OF
SURGERY (THIRD PART-1)
COMMUNITY MEDICINE (PAPER - I) (NEW) - LEVEL 3

[Time: As Per Schedule]

[Max. Marks: 100]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination: **BACHELOR OF MEDICINE AND BACHELOR OF SURGERY (THIRD PART-1)**
 - b. Name of the Subject : **COMMUNITY MEDICINE (PAPER - I) (NEW) - LEVEL 3**
 - c. Subject Code No : **2206000103030103**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

SECTION – I

Q.1 Multiple Choice Questions (MCQs).
(Each carry 1 mark)

20

1. Physical Quality of Life Index (PQLI) comprises all the following indicators except one:
 - a. Infant Mortality
 - b. Life Expectancy at Birth
 - c. Literacy
 - d. Life Expectancy at age one
2. The World Health Organization (WHO) has set the target of at least _____ % expenditure of each country's GNP on health care.
 - a. 1%
 - b. 3%
 - c. 5%
 - d. 7%
3. Restriction of activities of a contact, who has been exposed to a case of communicable disease for maximum incubation period, is termed as:
 - a. Elimination
 - b. Quarantine
 - c. Surveillance
 - d. Isolation

4. Biomedical concept of Health is based on:
 - a. Social and psychological factors
 - b. Equilibrium between man and environment
 - c. Germ theory of disease
 - d. Absence of Pain

5. Which of the following is not a Morbidity Indicator?
 - a. Life Expectancy
 - b. Notification Rates
 - c. Incidence rate
 - d. Prevalence

6. In a village having a population of 10,000, 150 people have a disease and 30 of them died. What is Case Fatality Rate?
 - a. 0.3%
 - b. 1.5%
 - c. 2%
 - d. 20%

7. Screening test for particular disease is considered which level of prevention?
 - a. Primordial
 - b. Primary
 - c. Secondary
 - d. Tertiary

8. Mid-year population refers to the population estimated on which date of a year
 - a. 1st January
 - b. 30th June
 - c. 1st July
 - d. 31st July

9. Cross product ratio is calculated from
 - a. Cohort study
 - b. Case Control Study
 - c. Cross Sectional Study
 - d. Ecological Study

10. The ability of an infectious agent to invade and multiply in a host is called:
 - a. Pathogenicity
 - b. Infectivity
 - c. Virulence
 - d. Communicability

11. Specificity of a screening test is the ability of a test to detect:
 - a. True Positives
 - b. False Positives
 - c. False Negatives
 - d. True Negatives

12. Hardness of water is due to all except:
- a. Sulphates
 - b. Chlorides
 - c. Nitrates
 - d. Phosphates
13. Mosquitoes that breed in dirty water collection are:
- a. Anopheles
 - b. Aedes
 - c. Culex
 - d. Mansonia
14. Following Diseases are transmitted by culex mosquito, except
- a. Malaria
 - b. Japanese Encephalitis
 - c. West Nile Fever
 - d. Viral Arthritis
15. The most common side effect of IUD insertion is:
- a. Bleeding
 - b. Pain
 - c. Pelvic Infection
 - d. Ectopic Pregnancy
16. Waste sharps should be disposed in:
- a. Black bag
 - b. Yellow bag
 - c. White bag
 - d. Red bag
17. Biomedical waste mixing with cement and other substances is known as:
- a. Incineration
 - b. Inertization
 - c. Shredding
 - d. Autoclaving
18. Triage means:
- a. First come first serve basis
 - b. Treating persons randomly
 - c. Labelling the death patient
 - d. Identifying seriously ill who needs treatment first
19. IT based TB surveillance is known as:
- a. Nischay
 - b. Nikshay
 - c. Nirbhay
 - d. e-DOTS
20. Under National Rural Health Mission, ASHA stands for:
- a. A Social Health Agent
 - b. A Specific Health Agent
 - c. Accredited Social Health Activist
 - d. Advanced Scientific Health Activist

SECTION – II

Q.2 Write the full question on following: (any 1 out of 2) 10

1. Define Health and write the factors affecting the health of people.
2. Define Screening. Write the criteria for the test as well as disease to be screened.

Q.3 Write short notes/comments on the following: (any 2 out of 3) 10

1. Epidemic Curve
2. Any Five Mortality indicators of Health
3. Chlorination

Q.4 Write one or two line short questions (2 marks each) 20

1. Define Incubation Period.
2. What is Nosocomial Infection?
3. Name the diseases covered under National Vector-borne disease Control Program.
4. What is Sullivan's Index?
5. Define Demography.
6. What is couple protection rate?
7. Enumerate any four methods of sampling techniques.
8. What is Dependency ratio?
9. List the effects of Noise Pollution.
10. Name the biomedical wastes to be collected in yellow colour bag.

SECTION – III

Q.5 Write the full question on following: (any 1 out of 2) 10

1. Write the causes of air pollution and method to prevent and control it.
2. What is Disaster? Write its type and steps of disaster management.

Q.6 Write short notes on the following: (any 2 out of 3) 10

1. National Immunization Schedule
2. Emergency Contraception
3. Rodent Control Measures

Q.7 Write Short Notes on the following: (any 5 out of 6)

20

1. Radiation hazards
2. Treatment of P. Falciparum Malaria in Gujarat
3. Health care waste disposal techniques
4. Modes of Interventions
5. Risk estimation in Cohort Study
6. Overcrowding
