Date: 21-12-2023
1223 E560
Third Year MBBS Examination
III MBBS Part 1 Community Medicine
Time: 3 hours
Max Marks: 100

Instructions:

1. Answer to the points.

2. Figure to the right indicates marks.

3. Use separate answer books for each section.

4. Draw diagrams wherever necessary.

5. Write legibly.

Section 1

1. Structured Long Question (Any 1 out of 2) (10)

a) Enumerate the indicators of Health and describe various Indicators of Morbidity. Briefly define how will you compare the

health situation between two communities

b) What are the sources & functions (4-3-3) of Iodine? Enumerate the spectrum of conditions under iodine deficiency disorders. What are the indicators to epidemiologically assess the Iodine deficiency in the community?   (2+2+3+3)

2. Case based scenario/Applied short notes (Any 2 out of 3)   (12)

a) Enumerate the indicators of Health and describe various Indicators of Morbidity. Briefly define how will you compare the health situation between two communities

b) What are the sources & functions (4-3-3) of Iodine? Enumerate the spectrum of conditions under iodine deficiency disorders. What are the indicators to epidemiologically assess the Iodine deficiency in the community?   (2+2+3+3)

3. Write short notes (Any 3 out of 4)   (18)

a) Adverse Events Following Immunization

b) Ecological studies.

c) Supplementary action of proteins

d) What is the difference between secular and cyclical trends?

4. Answer only in 2 to 3 sentences (Any 5 out of 6)   (10)

a) Components of Cold chain system
b) Night blindness
c) Germ theory of disease
d) Spot map
e) List of essential amino-acids
f) Iceberg phenomenon.

Section 2

5. Structured Long Question (Any 1 out of 2)   (10)

a) Discuss the epidemiology, clinical features, complications & prevention of Type2 Diabetes Mellitus.   (3+2+3+2)
b) Describe the sources of Health information. Briefly discuss the advantages & disadvantages of various sources of health information available in India. (5+5)

6. Write short notes (Any 2 out of 3)   (12)

a) Graphical presentation of quantitative type of data

b) Cancer registration

c) Define the measures of central tendency. What are its limitations?

7. Write short notes (Any 3 out of 4)   (18)

a) Risk factor for NCD morbidity

b) Methods of screening for cancer cervix

c) Criteria of causality

d) Risk Factors of Road Traffic Accidents

8. Answer only in 2 to 3 sentences (Any 5 out of 6)   (10)

a) Lead-time

b) Four pillars of ethics

c) Selection Bias

d) Registration of births and deaths

e) Enumerate various Sampling Techniques

f) Principles of health education