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0321 E483

Third Year MBBS Examination
III MBBS Part 1 Community Medicine
Paper 1

Time: 3 hours

Max Marks: 60

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. Write notes on (any two out of three) (12)

- a) Describe epidemiology of COVID 19. Add a note on COVID 19 vaccine.
- b) Describe sources, harmful (2+4) effects on health and measures for prevention and control of air pollution.
- c) What is balanced diet. Draw (2+2+2)

labeled diagram of food guide pyramid.
Enumerate benefits of consuming
dietary fibers. (2+2+2)

2. Write notes on (any three out of four) (12)

- a) What is "Rule of halves" in hypertension. Describe preventive measures for hypertension. (2+2)
- b) Enumerate types of disease screening. Describe uses of disease screening. (1+3)
- c) Describe post exposure prophylaxis for prevention of human rabies.
- d) Describe chlorination of water.

3. Write notes on (any two out of three) (6)

- a) Define epidemiology. Write classification of epidemiological studies. (1+2)
- b) Briefly describe sources of health information.
- c) Describe sampling methods.

Section 2

4. Write notes on (any two out of three) (12)

- a) Describe determinants of health (draw a suitable diagram).
- b) Describe modes of disease transmission.
- c) Describe levels of disease prevention.

5. Write notes on (any three out of four) (12)

- a) What is cold chain? Describe cold chain equipment. (1+3)
- b) Describe methods for presentation of statistical data.
- c) Describe methods for assessment of nutritional status of an individual.
- d) Describe role of cultural factors in health and disease.

6. Write answers to the point in two or three sentences (any six out of eight) (6)

- a) Define secondary attack rate.
- b) Draw labeled diagram of normal

distribution curve.

c) Enumerate health hazards of radiation.

d) Write clinical features of avian influenza (any four).

e) Define multi drug resistant tuberculosis.

f) Role of zinc supplementation in acute diarrhoeal diseases.

g) Enumerate morbidity indicators, (any four)

h) Draw labeled diagram of iceberg of disease.

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