

MGV 5541

Third Year MBBS Examination

III MBBS Part 1 Community Medicine Paper 1

Time: 3 hours Max Marks: 60

Date: 01-05-2019

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. Write any two - $2 \times 6 = 12$ (12)
 - a. a) A study was initiated amongst UK physicians in 2011. Postal Performa were sent to 59000 physicians to ascertain their smoking status and responses were received from 40700 of them. They were observed for 4 years to record the deaths due to lung cancer. (1) Identify the type of study. Write at least two sources to get the death related data. (2) Compare & Contrast: Case Control study and Cohort study.

- b. b) Describe early diagnosis and non pharmacological measures for Diabetes Mellitus type II
- c. c) Describe levels of prevention with their modes of intervention for Tetanus.

2. Write notes on any three . (12)

- a. a) Describe indirect Modes of disease transmission
- b. b) Define elimination, Write criteria for elimination of Leprosy, Write types of leprosy and drug regimen for Pauci and Multibacillary Leprosy
- c. c) Integrated Counselling and Test Centre (ICTC)
- d. d) Iceberg phenomenon

3. Compare & contrast: (any two) 2x3= (6)

- a. a) Diagnostic test Vs Screening test.
- b. b) Hepatitis A Vs Hepatitis B.
- c. c) Prevalence Vs Incidence.

Section 2

4. Write notes on any two: 2x6=12 (12)

- a. a) Enumerate various categories of Bio medical wastes (BMW), their segregation and disposal methods as per BMW rules, 2016.
- b. b) A 7-year-old female child presented with diminution of vision at a PHC. On examination, there was triangular spot lateral

to cornea in both the eyes. What is the probable diagnosis? Describe the primary and secondary prevention measures for this entity.

- c. c) Epidemiology including prevention & control of H1N1 influenza.

5. Write the notes any Three: (12)

- a. a) Sources of health related data
- b. b) radiation hazards and its prevention
- c. c) Child Malnutrition Treatment centre
- d. d) Socio-cultural factors at health and disease

6. Give answers of any Six in 2-3 sentences: (6)

- a. a) Enumerate any four emerging infections.
- b. b) What is supplementary action of proteins? Give two examples of such food items.
- c. c) Name the diagrams used to present qualitative data.
- d. d) Enumerate any four cold chain equipments.
- e. e) Enumerate various types of rehabilitation.
- f. f) Enumerate any four non auditory effects because of noise
- g. g) Define break point chlorination.
- h. h) Write any four favourable factors for disease eradication.
