

SOCIAL AND PREVENTIVE MEDICINE

PAPER – I

7. a) Define sampling. 2+8
b) List and briefly describe the steps of a sampling strategy to assess the prevalence of hypertension among adults aged 40 years and above in a district, using cluster sampling.
8. a) Define "safe and wholesome water". 2+6+2
b) List and briefly describe four options for chemical disinfection of water at a domestic level in an urban slum.
c) Write a note on the presumptive coliform test.
9. a) What is "screening for disease"? 2+4+4
b) List and briefly explain the terms "validity" and "reliability" in the context of screening test.
c) List and briefly explain four measures of validity of a screening test.
10. a) "Rickettsial fevers are a silent cause of suffering in India". List and briefly explain four epidemiologic measures which would support this statement. 4+6
b) Write briefly about the measures of control of ticks and mites in a rural community.
