

137-NR

M.D. DEGREE EXAMINATION – OCTOBER, 2014

SOCIAL &amp; PREVENTIVE MEDICINE

Paper-II : Epidemiology and control of diseases

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

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WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) WHO has certified India as "Polio eradicated". Discuss the strategies to be implemented to prevent the resurgence of Polio in India
- 2) A new drug Ax has been identified to cure AIDS in phase II trials. Write a protocol for the phase III trial.
- 3) Discuss the epidemiology and prevention of tobacco related cancers prevalent in India.
- 4) Discuss the differences between Incidence and Prevalence
- 5) Describe the different approaches for Surveillance
- 6) As MO i/c of a PHC, describe how will you conduct an Audit of the immunization delivery services
- 7) Write a note on Disinfectants
- 8) Repeated outbreaks of a Dengue have occurred in the district. As the District Health Officer, describe your plan of action to prevent recurrence of the outbreak.
- 9) Discuss the National AIDS Control Programme Phase IV. What are the major changes from the earlier phases
- 10) A cohort of cancer patients underwent bone marrow ablation with the drug A (n=25) and drug B (n=34). The out come measure was the cerebellar toxicity to these drugs which at the end of follow up was (drug A=11 and drug B=3)
  - a) Complete the 2x2 table using this data.
  - b) What is the incidence of toxicity in the exposed group?
  - c) What is the incidence of toxicity in the unexposed group?
  - d) What is the risk ratio?
  - f) What is your interpretation of the RR?