Write short notes on:

1. a) Define “Primary health care”?
   b) Levels of prevention with examples?
   c) What is ‘Disability limitation’? Illustrate with suitable examples.

2. a) Define Human Development Index (HDI).
   b) Outline the steps to estimate HDI.

3. a) Define Years of Potential Life Lost.
   b) Enumerate healthcare delivery indicators.
   c) Enumerate health policy indicators.

   b) Uses of Prevalence
   c) Special incidence rates

5. a) What is ‘Bimodality’? Give an example.
   b) Differentiate between observational and intervention studies with illustrative examples.

6. a) Communicability in measles
   b) Complications of measles
   c) Measures for prevention and control of measles.

7. a) Differentiate between antigenic shift and drift.
   b) Contraindications of inactivated vaccines.
   c) Antiviral therapy in pandemic influenza A (H1N1) 2009

8. a) Epidemiology of meningococcal meningitis.
   b) Submit a plan for investigation and control of an outbreak of meningitis in the district jail.

P.T.O
9. a) Differentiate between various types of viral Hepatitis as per agent factors and mode of transmission.
   b) Would you advocate introducing Hepatitis A vaccine in the National programme? Substantiate with reasons.

10. a) WHO clinical staging system for HIV infection in children.
    b) Post exposure prophylaxis for HIV (WHO 2016)

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