

**Multi Skilled Health Worker**

**B. Voc. Second Semester End Examination-2024  
(Regular & Supplementary Paper)**

**PAPER: 201T**

**[Principles of epidemiology and epidemiological methods]**

*Full Marks: 40*

*Time: 02 Hrs*

*The figures in the right hand margin indicate marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

**Group A**

1. Answer any FIVE questions of the following: 5x2= 10
  - a. Write the different types of infectious disease caused by different agent.
  - b. Write the full form of CFR and RCT.
  - c. Why infectious disease is important in epidemiology?
  - d. Define herd immunity.
  - e. Write only the name of major epidemiological methods for its study.
  - f. What is meant by eradication?
  - g. What is opportunistic infection?
  - h. What is host?

(2)

**Group B**

2. Answer any FOUR questions of the following: **4x5 = 20**
- a. What do you mean incubation period? **5**
  - b. Write the difference between case control study and cohort study. **5**
  - c. What is zoonosis? Write the different causes of zoonosis with symptoms **2+1½+ 1½**
  - d. What do you mean by endemic disease write any two examples of pandemic disease. **3+2**
  - e. What do you mean by itrogenic disease? What are the different factors responsible of the occurrence of this disease? **2+3**
  - f. What do you mean by Nosocomical infection? Mention the routes to spread infection. What measures to be taken for prevention of infection? **2+1+2**

**Group C**

3. Answer any ONE question of the following: **1x10 = 10**
- a. Discuss the role of reservoir modes of transmission and susceptible host for dynamics of disease transmission. **10**
  - b. Define 'OR' and write its importance. Calculate the 'OR; from the following obsenation.

<b>Exposure</b>	<b>cases</b>	<b>control</b>
Yes	400	600
No	100	900
Total	500	1500

**2+3**

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