

Mid-West University  
**Examinations Management Office**  
Surkhet, Nepal

**End Semester Examination-2081**

Level: B.Ed. / IV Semester

Sub: Fundamental of Epidemiology (HEP 443/344)

Roll No. ....

Group "A"

10×1 =10

Tick (✓) the best answers.

1. The term epidemiology derived from ... word.
  - a. Latin
  - b. Greek
  - c. French
  - d. German
2. Prevalence measured often used to determine the level of ...
  - a. Morbidity
  - b. Mortality
  - c. Prevention
  - d. Frequency
3. Which one of the followings is descriptive study?
  - a. Cohort study
  - b. Case control study
  - c. Randomized control trial
  - d. Case series
4. Exposure to the agent and the onset of symptoms is....
  - a. Recovery period
  - b. Latent period
  - c. Incubation period
  - d. Healthy period
5. The epidemiological triad includes all of the following EXCEPT
  - a. Host
  - b. Environment
  - c. Agent
  - d. Pathogens
6. Immunity developed after infection is called ...
  - a. Natural immunity
  - b. Passive immunity
  - c. Active immunity
  - d. Herd immunity

7. First step of epidemic investigation?
  - a. Preparing case definition
  - b. mapping the epidemic
  - c. Confirmation
  - d. searching for the cases
8. Health education on early diagnosis and treatment is...
  - a. primary prevention
  - b. secondary prevention
  - c. tertiary prevention
  - d. primordial prevention
9. Sentinel surveillance indicates
  - a. Identifying the missing case
  - b. Identifying the high-risk group
  - c. Identifying the exposure
  - d. Identifying the case and the carrier
10. Validity refers to the...
  - a. Consistency
  - b. Accuracy
  - c. Quality
  - d. Quantity

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Time: 3.00 hrs.

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FM: 60

PM: 30

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

Attempt all the questions.

**Group "B"**

6×5 = 30

1. Discuss the concept and history of epidemiology.
2. How do you measure the illness and sickness situation of people?
3. What are the sources of data for epidemiological study? Discuss.

**Or**

What epidemiological study design do you know? Describe its characteristics.

4. What do you mean by surveillance? Describe its steps in details.
5. What is the validity? Why validity and reliability is important in epidemiological study? Discuss.
6. Discuss the concept of infectious diseases epidemiology.

**Or**

What do you mean by pandemic disease? How do you control pandemic disease in your community?

**Group "C"**

2×10=20

7. Describe the defense mechanism of body against infectious diseases epidemiology.

8. What is descriptive epidemiology? Why descriptive epidemiology is important to study the frequency of diseases.

**Or**

What are the measurement tools of epidemiology? Which tool is appropriate to measure the association in epidemiology? Explain.

**THE END**