



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
BACHELOR OF SCIENCE IN HEALTH SYSTEMS MANAGEMENT AND
DEVELOPMENT

END OF SEMESTER EXAMINATION MAY-AUGUST 2026

MAIN EXAM

UNIT CODE: HMD 134 UNIT NAME: HEALTH LAWS AND REGULATIONS

TIME: TWO HOURS START: 5:30 PM STOP: 7:30 PM

DATE: 12th AUGUST 2026

Section-A ANSWER ALL QUESTIONS (30 Marks)

- 1.a. List four reasons that led to the development of the Nuremberg Code. (4 Marks)
- b. State four barriers to valid comprehension during consent. (4 Marks)
- c. Highlight four situations where written consent is required. (4 Marks)
- d. Outline four legal safeguards required during involuntary treatment. (4 Marks)
- e. State four human rights concerns affecting mentally ill patients. (4Marks)
- f. Highlight four legal limits on exceptions to consent. (4 Marks)
- g. Outline three legal consequences of invalid consent. (3 Marks)
- h. List three international instruments supporting consent. (3 Marks)
- i. State four situations where courts may intervene in healthcare decisions. (4 Marks)

SECTION B ANSWER ANY TWO QUESTIONS

(20 MARKS EACH)

2.A 15-year-old girl visits a health facility requesting an HIV test. She states that she does not want her parents or guardians informed about her visit because she fears stigma and possible punishment at home. The healthcare worker is unsure whether to provide the service without parental consent.

- a) Discuss four ethical issues involved in this situation. (8 Marks)
- b) Discuss three legal issues that should guide the healthcare worker's decision. (6 Marks)
- c) Explain three steps the healthcare worker should take to ensure that the adolescent's rights, welfare, and healthcare needs are protected. (6 Marks)

3.A highly contagious infectious disease has caused a major epidemic in a country, leading to a rapid increase in illness and deaths. To control the spread of the disease and protect public health, the government introduces mandatory quarantine for individuals exposed to the infection and compulsory vaccination for selected high-risk populations. Some citizens, however, argue that these measures violate their right to make personal healthcare decisions and undermine the principle of informed consent.

As a Public Health Officer:

- a) Discuss two ethical implications of mandatory quarantine and compulsory vaccination during an epidemic outbreak. (4 Marks)
- b) Discuss two reasons why mandatory quarantine and compulsory vaccination is important during an epidemic outbreak. (4 Marks)
- c) Explain three circumstances under which individual autonomy may be limited to protect public health. (6 Marks)
- d) Describe three safeguards that should be put in place to protect human rights while implementing mandatory quarantine and compulsory vaccination. (6 Marks)

4.A multinational pharmaceutical company intends to conduct a clinical trial for a new malaria vaccine in a rural community within a developing country. The proposed participants include children, pregnant women, individuals with low literacy levels, and economically disadvantaged families. During the planning phase, concerns are raised that some potential participants may not fully understand the purpose of the study, the risks involved, or their right to withdraw from the research. There are also fears that financial incentives and limited access to healthcare services may unduly influence participation.

As a Research Ethics Committee member:

a) Discuss four ethical challenges of obtaining informed consent in research involving vulnerable populations. (8 Marks)

b) Discuss three legal requirements for obtaining valid informed consent in research involving vulnerable populations. (6 Marks)

c) Explain three measures researchers should take to protect the rights and welfare of vulnerable participants when obtaining informed consent. (6 Marks)

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