

KATHMANDU UNIVERSITY
End Semester Examination

March/April, 2025

11 April 2025

Marks Scored:

Level : B.Tech.

Year : I

Course : AIME 101

Semester : I

Exam Roll No. :

Time: 30 mins.

F. M. : 10

Registration No.:

Date :

SECTION "A"

[20Q. × 0.5 = 10 marks]

Attempt *ALL* the questions. Encircle the most appropriate answers.

1. Which ethical principle emphasizes fairness and impartiality?
a. Honesty b. Confidentiality c. Accountability d. Justice
2. What is the main purpose of professional codes of ethics?
a. To maximize profits b. To protect consumers
c. To increase competition d. To stifle innovation
3. In professional ethics, what does "conflict of interest" refer to?
a. A situation where two professionals disagree
b. A situation where personal interests conflict with professional duties
c. A conflict between ethics and laws
d. A situation involving legal disputes
4. Whistleblowing is an example of ____
a. Professional misconduct b. Reporting unethical behavior
c. Violating confidentiality d. Profit maximization
5. Which ethical principle emphasizes being truthful and straightforward in professional dealings?
a. Integrity b. Confidentiality c. Responsibility d. Accountability
6. In professional ethics, what does "informed consent" mean?
a. Making decisions without any information
b. Obtaining permission from a supervisor
c. Providing comprehensive information to clients or patients to make informed decisions
d. Ignoring client or patient preferences.
7. What is the primary duty of a professional in their field?
a. Maximizing personal gain
b. Complying with the law
c. Serving the best interests of clients or the public
d. Avoiding conflicts of interests
8. In professional ethics, what is the primary purpose of a "confidentiality agreement"?
a. To maximize profit b. To ensure transparency
c. To promote competition d. To protect sensitive information

9. What is the primary role of a professional organization in promoting professional ethics?
 - a. To maximize profits for members
 - b. To provide networking opportunities
 - c. To develop and enforce codes of ethics
 - d. To stifle competition

10. Which ethical principle emphasizes treating others with respect and dignity?
 - a. Integrity
 - b. Respect for person
 - c. Accountability
 - d. Beneficence

11. Which is not including in ethics?
 - a. Normal ethics
 - b. Normative ethics
 - c. Meta ethics
 - d. Applied ethics

12. Maintaining professional knowledge and skills at a level required to ensure that a client or employer receives the advantage of competent professional service based on up-to-date developments in practice, legislation and technique is
 - a. Confidentiality
 - b. Professional competence and due care
 - c. Professional behavior
 - d. Objectivity

13. Which of the following best describes the ethical challenge of AI in warfare?
 - a. Lack of human emotion in AI decision-making
 - b. Reduction of conflicts in war zones
 - c. AI's ability to predict military strategies
 - d. AI's potential to de-escalate conflicts

14. What is one way to address AI's ethical issues?
 - a. Prevent all AI research and development
 - b. Ensure constant human intervention in AI decision-making
 - c. Develop ethical frameworks and regulations for AI deployment
 - d. Focus solely on AI's technical capabilities

15. What ethical issue is raised by AI in the recruitment process?
 - a. AI systems may introduce gender and racial biases
 - b. AI can replace all human interviewers
 - c. AI can provide more job opportunities for workers
 - d. AI is able to offer equal pay for equal work

16. What is the "ethics of responsibility" in AI?
 - a. AI system should be free from human oversight
 - b. AI systems should operate independently of ethical guidelines
 - c. Developers must take responsibility for AI's ethical consequences
 - d. AI systems should be programmed to prioritize profits

17. What is the concern with AI-enabled content generation, such as deep fakes?
 - a. It can revolutionize creative industries
 - b. It can generate misleading and harmful content
 - c. It can be used only for entertainment
 - d. It has no impact on public perception

18. What is a key concern with the deployment of AI in self-driving cars?
 - a. Increased fuel efficiency
 - b. The impact on employment in the transportation sector
 - c. Ethical decisions in critical accident situations
 - d. AI systems becoming obsolete quickly

19. How can AI be made more ethical in decision-making?
 - a. By making the algorithm as complex as possible
 - b. By improving AI's capacity for empathy
 - c. By ensuring transparency and human oversight
 - d. By increasing the speed of algorithmic processes

20. In AI, the "black box" problem refers to:
 - a. Difficulty in accessing AI data
 - b. The inability to understand how AI arrives at decisions
 - c. AI systems failing in extreme conditions
 - d. The lack of AI transparency in decision-making