

KATHMANDU UNIVERSITY  
End Semester Examination  
June/July, 2023

Marks Scored:

Level : B.Tech.

Course : AIME 101

Year : I

Semester : I

Exam Roll No. :

Time: 30 mins.

F. M. : 10

Registration No.:

Date :

SECTION "A"

[20Q. × 0.5 = 10 marks]

**Encircle the most appropriate alternative from each set of choices.**

1. Among the three components of communication, ethics belong to ....
  - a. Pathos
  - b. Ethos
  - c. Logos
  - d. Universal Outlook
2. Which of the following qualities does not come under the code of ethics?
  - a. Piracy, Plagiarism and Profit
  - b. Privacy, Fairness and Justice
  - c. Confidentiality, Professional Behavior
  - d. Integrity, Objectivity and Professional Competence
3. In terms of ethical concerns of AI, the Precision and Reduction of Uncertainty belongs to....
  - a. Ontological Approach
  - b. Epistemological Approach
  - c. Technological Approach
  - d. Neurological Approach
4. Which of the following is not the normative ethical theory?
  - a. Deontological theory
  - b. Virtue and Ethics
  - c. Spiritual Theory
  - d. Consequentialist theory
5. Among the four domains of ethics, which of the following is related to your internal world?
  - a. World
  - b. Stranger
  - c. Self
  - d. Friend
6. Code of ethics is not related to ....
  - a. appropriate local jurisdiction of Law
  - b. appropriate national jurisdiction of Law
  - c. appropriate International jurisdiction of law
  - d. appropriate individual morality and behavior
7. The Nuremberg Code is concerned with which of the following?
  - a. ethical principles for human experimentation
  - b. ethical guidelines for the use of technology
  - c. legal provisions to ensure the rights of patients
  - d. the statements that limit the use of Artificial Intelligence
8. Epistemic vulnerability is concerned with all the following except....
  - a. greater knowledge on the part of the professionals
  - b. limited knowledge on the part of the clients
  - c. the factors that determine key aspects of professional ethics
  - d. the vulnerability of people after the dawn of Artificial Intelligence
9. Which of the following does not fall within the domain of the authority that enforce ethics?
  - a. professional sanctions
  - b. harm to social standing
  - c. restrictions on membership
  - d. legal ramifications

10. Which of the following statements refer to Hype in AI and ethics?
  - a. machine behavior needs to be guided by human
  - b. ethical concern on AI is on rise in the world
  - c. AI will displace the human agency so it needs to be guided by strong ethical codes
  - d. artificial intelligence adds to human service
11. Which is not an example of artificial intelligence?
  - a. Siri and Alexa
  - b. Traditional Agriculture and Website Design
  - c. Chatbots, Robotic vacuum cleaner
  - d. Self-Driving Vehicle, Facial recognition software
12. Which is not a type of Machine Learning?
  - a. semi supervised learning
  - b. reinforcement learning
  - c. superficial learning
  - d. unsupervised learning
13. Which is not related to humane value?
  - a. love
  - b. empathy
  - c. machine behavior
  - d. compassion
14. What is adaptive licensing?
  - a. giving license before the experimentation starts
  - b. giving license after the experimentation procedure is completed
  - c. adaptive Licensing is a way to release drugs to patients earlier than previously possible
  - d. none of the above
15. If moral theory cannot address ethical concern with AI sufficiently, what may be the best option?
  - a. Economic Theory
  - b. Ecological Theory
  - c. Psychological Theory
  - d. Methodology
16. Which process does not help eliminate bias and unlawful discrimination?
  - a. admit and recognize that bias is all around us
  - b. stereotype sampling and reporting
  - c. know that bias comes in many ways
  - d. transparency, Accountability and Authority
17. AI ethics is a system of moral principles and techniques intended to inform the development and responsible use of it. Which element should be eliminated from the newly developed system?
  - a. unclear authority and responsibility
  - b. informed consent to use data for privacy
  - c. safety and transparency
  - d. algorithmic fairness and elimination of biases
18. Which of the following constructs may be the universal principle of ethics?
  - a. Diversity
  - b. Nationalism
  - c. Human Rights
  - d. Transparency
19. Why is a common language in the code of ethics not suitable?
  - a. It is difficult.
  - b. It may mask disagreement.
  - c. It is universal.
  - d. It is not applicable.
20. What do you think is the greatest fear related to AI?
  - a. Replacement of the Human Agency
  - b. Proliferation of Rigid Technology
  - c. Dehumanization
  - d. Elimination of diversity