DILLA UNIVERSITY

COLLEGE OF SOCIAL SCIENCE AND HUMANITIES

DEPARTMENT OF CIVICS AND ETHICAL STUDIES

A.Y: 2019/20

Time Allowed: 1:00'

Exam Weight: 35%

Mid Exam for the course Logic and Critical Thinking (LoCT-1011)

PART I: Write "True" if the statement is correct or write "False" if the Statement is incorrect and write your answers on the answer sheet provided (1.5 pts.)

1. Rationalism and empiricism are the only schools of thought in epistemology
2. The existence of indicator word can guarantee the existence of argument
3. Empirical knowledge claims humans are capable of arriving at irrefutable knowledge independently of sensory experience
4. Inductive arguments having all true premises are cogent arguments
5. A deductive argument with actually true premises and actually false conclusion is always invalid
6. A good argument does not try to misled, nor does it omit warranted; relevant evidence

PART II: Choose the most appropriate answer and write the letter of your correct choice on the space provided (1.5pts)

1. Which one of the following statement is incorrect
   A. Because of its universality philosophy is incomprehensible
   B. Questioning is one of the essential attribute of philosophy
   C. Philosophical questions do not have clear cut solutions
   D. Criticism is the ultimate objective of philosophy
   E. A and C
   F. A and D
2. Which branch of philosophy is considered as the methodology of philosophy?
   A. Metaphysics B. Epistemology C. Axiology D. Logic E. All
3. After examining DNA evidence found at the crime scene, Dr. Jacobs, a highly qualified forensic biologist, says that Alex Foster could not have committed the crime. Therefore, we conclude that Foster is innocent.
   A. Inductive, weak B. Deductive, invalid C. Deductive, valid D. Inductive, strong
4. Which one of the following is sound deductive argument?
   A. Exploration of the surface of the mars has produced some surprising facts. Therefore, exploration of the surface of Jupiter will produce some surprising facts.
   B. Since Kenenisa is a good athlete, Kenenisa's brother must be a good athlete also.
   C. The sun is a star. Mars is a star. Therefore, Mars is a sun.
   D. All dogs are mammals. All mammals have kidneys. Therefore, all dogs have kidneys.

9:52

5. One of the following questions is not primarily the question of axiology
   A. What is the nature of ultimate reality?
   B. What is the right thing to do?
   C. What is beauty?
   D. What political system is best?
6. One is not a philosophical question?
   A. What is truth?
   B. Why is there anything at all?
   C. Where does knowledge come from?
   D. What is justice?
   E. None of the above
7. Which one of the following is not correct concerning inductive & deductive reasoning
   A. In an inductive argument, the conclusion contains more information than the premises.
   B. In a deductive argument, the conclusion is all about the information contained in the premises.
   C. Most arguments based on statistical reasoning are inductive.
   D. Inductive arguments always proceed from the particular to the general
8. Which of the following is a necessary condition for graduating from college?
   A. Fulfilling the course requirements
   B. Wearing a cap and gown
   C. Receiving gifts from family members
   D. Showing up for all your classes
   E. Attending the graduation ceremony
9. Which of the following are all arguments?
   A. Warnings, conditional statements, statements of belief
   B. Expository passages, reports, pieces of advice
   C. Predictions, categorical syllogisms, arguments from signs
   D. Propositions, analogies, inferences
   E. Illustrations, syllogisms, explanati
10. Why we need to ask and philosophize about human beings, nature and supernatural being?
    A. Because philosophizing will enable us to question and examine critically about the foundations of deeply held social, moral and religious values.
    B. To ignore abstract thinking so that we focus on concretely existing human problems.
    C. To invalidate all the knowledge so far accumulated and develop a new one
    D. To liberate one-self and others from the prison of ignorance by declaring autonomous thinking.
    E. A & D F. All except C
11. If organic food contains pesticides, then consumers are misled. Organic food does not contain pesti
    Therefore, consumers are not misled.
    A. Deductive, invalid B. Deductive, valid. C. Inductive, weak D. Inductive, strong
12. One is correct about strong inductive arguments?
    A. If we assume that the premises are true, the conclusion will probably be true.
    B. The conclusion of inductive argument doesn't go beyond the limit of the premises.
    C. If we assume that the premises are true, the conclusion must be true.
    D. The link between the premises and the conclusion is a matter of necessity.

9:52

PART III: Identify the Premise/s and Conclusion of this argument

1. Every art and every inquiry, and similarly every action and pursuit, is thought to aim at some good; and for this reason the good has rightly been declared to be that at which all things aim (2 pt.)

Premise/s: _____

Conclusion: _____

PART IV: Determine whether the following arguments are inductive or deductive. If an argument is inductive, determine whether it is strong or weak, cogent or uncogent. If it is deductive, determine whether it is valid or invalid, sound or unsound (3% each).

1. At least one African country has defended colonialism successfully. Ethiopia is an African country. Therefore, Ethiopia has defended colonialism successfully.

_____, _____ and _____

2. No humans are mammals. All Monkeys are human. Hence, no Monkeys are mammals.

_____, _____ and _____

ANSWER SHEET

Name_____ Group_____ Instructor Name_____

PART I	PART II	
1.	1.	7.
2.	2.	8.
3.	3.	9.
4.	4.	10.
5.	5.	11.
6.	6.	12.