9:52

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.

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 pest
   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.

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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.

12. A categorical syllogism A. is a deductive argument B. if the premises are assumed true, the conclusion is true C. the conclusion is probably followed from the premises D. All but C

13. The argument: **"Either the EPP or the opposition party will win in the next election. The EPP will win in the election. Hence, the opposition party won't win"** is:
A. inductive B. valid C. invalid D. strong

14. Which one is correct about arguments? A. there are statements that claim to present reasons. B. they claim to prove something C. there is implicit or explicit inferential claim. D. All

15. A strong inductive argument with true premises and true conclusion is
A. cogent B. sound C. unsound D. unsound

16. In an inductive argument, if the premises are assumed true then
A. the conclusion is true B. it is impossible for the conclusion to be false
C. the conclusion is probably true D. All

17. Which one is inductive argument? A. statistics B. analogy C. authority D. All

18. One is not characteristic of self-actualized person A. Intellectual and Behavioral dependence B. Reflective Self-Awareness, C. Flexibility D. Tolerance E. Open-Mindedness.

Part II: Short answer

Write the premise and conclusion of the following argument. 2%

Since the good, according to Plato, is that which furthers a person's real interests, it follows that in any given case when the good is known men will seek it.

Critical Thinking Test #1 20% Answer sheet

Name.....**Id No**.....**Sec**....

Part I: Multiple choice Items (1pt each) 16%

1.[redacted] 2.[redacted] 3.[redacted] 4.[redacted] 5.[redacted] 6.[redacted]

7.[redacted] 8.[redacted] 9.[redacted] 10.[redacted] 11.[redacted] 12.[redacted]

13.[redacted] 14.[redacted] 15.[redacted] 16.[redacted] 17.[redacted] 18.[redacted]

Part II: short answer items (2%)

CRITICAL THINKING TEST #1 25%

Time Allotted 45 minutes

General Direction:

(1) Write All Answers on the Provided Answer Sheet in the Shaded Spaces

(2) Do Not Circle or Tick Any Answer on the Exam Paper

(3) Switch off Your Mobile Phone

PART 1: Choose the best answer among the alternatives given and write it on the answer sheet!

1. What the world was made of? Identify the facet which primarily belongs to the question.
   A. Ontology B. Cosmology C. Anthropology D. Theology
2. All are true about philosophy, except A. To understand philosophy is to do philosophy
   B. Philosophical conclusions are objective and eternal C. Philosophical puzzles are perennial D. Philosophy lacks distinct subject matter E. None
3. Identify a true statement about rationalism in the theory of knowledge?
   A. it is obtained from sense experience C. it is acquired through the intellect
   B. it is acquired from observation D. it is obtained from perception
4. How do we know the nature of the ultimate reality? The question refers to:
   A. Ontological aspect of metaphysics C. Ontological aspect of epistemology
   B. Cosmological aspect of epistemology D. Cosmological aspect of metaphysics
5. Which one of the following is the distinctive feature of matter?
   A. Objective B. Transcendental C. Eternal D. Sensible
6. Is man born morally evil/good/ neutral? This question belongs to:
   A. Epistemology B. Metaphysics C. Logic D. Ethics
7. All are benefits which are expected from studying philosophy, except
   A. Collective thinking B. Critical thinking C. Critical reflection D. Soliciting creativity
8. Among the following which one is the benefit of studying logic?
   A. It trains students to draw a correct conclusion.
   B. Logical skills can protect us from being unduly influenced by politicians' promises.
   C. It provides confidence in raising good judgments of the arguments of others. D.
9. Which one is not the nature of a good argument?
   A. Strong inductive argument with true premises
   B. Valid deductive argument with true premises C. Premises of an argument
   support a conclusion D. Cognet argument E. A and D F. None
10. Which one is not the source of knowledge?
    A. Intuition B. Authority C. Revelation D. Experience E. N
11. Which one is correct about the following argument? *All planets revolve arou*
    Earth revolves around the sun. Therefore, the Earth is a planet.
    A. Valid-unsound. B. Invalid-sound. C. Invalid-unsound. D. Stron

Wachemo University Main and Durame Campus College of Social Science and Humanities
Department of Civics and Ethical Studies
Logic and Critical Thinking Mid-Term Examination for First Year Students
Time allowed: 30minute **Weight: 20**

Name_____ **ID No**_____ **Stream**_____ **Sec**_____

Part I: - Write True if the Statement is correct and False if the Statement is incorrect

1. A cogent argument is an inductive argument that is strong and has all true premises as well as
2. All sound deductive arguments are necessarily valid.
3. Burning leaves is the necessary condition to produce smoke.
4. Inductive arguments make weaker claims than those made by deductive arguments. some weighting element to make an argument absolutely true.
5. The intentional meaning of a term usually remains constant from person to person.

Part II: Choose the best answer from the given alternatives

6. Which one of the following is deductive argument?
   A. When I visited Bahir Dar and Hawasa I found lake. Therefore, all Regional States of Ethiopia towns have lake.
   B. Ronaldo is a famous football player. Hence, he is known and recognized by many peoples.
   C. If Abebe is the president of Ethiopia, then he will smashed all ethnic and blood entrepreneurs.
   D. Derese has no ring in his finger. Therefore, he is unmarried man
7. Helen and Hana are freshman social science students in Wachemo University. Once upon a time their Logic and Critical thinking lecturer ask them to assign meaning to philosophers. Helen said that philosophers mean Socrates, Plato, Leibniz, Berkeley, Kant etc. and Hana said that philosophers mean a rational, critical, open minded and independent thinkers that look life and universe in critical manner. Hence, we can say that Helen gave her meaning/definition to the term based on:
   A. Pointing the ancestor or root of the term
   B. Indicating the members that the term denotes
   C. Indicating the groups that the term denotes completely
   D. Indicating the attributes that the term connotes
8. According to the above case in No.8, Hana has answered the question on the basis of:
   A. Indicating the character that the term connotes
   B. The definition by genus and difference
   C. The etymological definition of the term
   D. The extensional meaning that the term denotes
9. For the purpose of an easy administration 'Town' is defined by the Ethiopian government as at least 3000 peoples living in a limited area. This definition is best characterized as:
   A. Operational B. Lexical C. Theoretical D. Précising
10. Which one of the following is **odd**?
    A. A person is dead if and only if the brain is stop functioning when measured via electroencephalogram.
    B. Genius mean outstanding talent or exceptional intellectual ability
    C. President mean person such as Putin, Biden, Kennedy, Lincoln etc.
    D. Tent means a collapsible shelter made of canvas that is stretched and sustained by poles.
11. Which one of the following is **an argument**?
    A. A good way to stop your dog from getting fleas is to spray them with cider vinegar.
    B. Aster is a prostitute it follows that she engages in fornication for payment.
    C. If people are not free, then they cannot be held morally responsible for their actions.
    D. Whole numbers can be represented as fractions. Thus, 2 can be represented as 8/4

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