

Wachemo University
College of Social Science and Humanities
Department of Civics and Ethical Studies
Logic and Critical thinking Mid-Exam for freshman students
Weight: 50%
Time allowed: 40

Name _____ IDNO _____ Dep,t LOCT sec 11

PART I: Choose the Best from the Given Alternatives (1.5 point for each)

1. What is an argument in the context of logic and critical thinking?
 - A. A discussion where people express their opinions without evidence.
 - ☒ B. A form of reasoning that presents premises to support a conclusion.
 - C. A series of statements aimed at persuading someone.
 - D. A verbal fight between two individuals.
2. Which of the following is an example of an inductive argument?
 - ☒ A. If it's raining, then the ground is wet. The ground is wet, so it must be raining.
 - B. Every time I eat peanuts, I feel sick. Therefore, peanuts make me sick.
 - C. All mammals have hair. Whales are mammals. Therefore, whales have hair.
 - D. All humans are mortal. Socrates is human. Therefore, Socrates is mortal.
- ☒ 3. What distinguishes a deductive argument from an inductive argument?
 - A. Deductive arguments use anecdotal evidence, while inductive arguments use statistical data.
 - ☒ B. Deductive arguments rely on probability, while inductive arguments rely on certainty.
 - ☒ C. Deductive arguments always lead to true conclusions, while inductive arguments may lead to false conclusions.
 - ☒ D. Deductive arguments draw conclusions based on general principles, while inductive arguments draw conclusions based on specific observations.
- A 4. Last week I bought a new jeans with a tag that reads "Made in China". Thus, my new jeans were made in china.
 - A. Deductive, valid
 - B. Inductive, strong
 - C. Deductive, invalid
 - D. Inductive, weak
5. The reason poverty is rising worldwide is that the global economy has made it impossible for countries to provide stable working condition for its citizen. This passages can be identified:
 - A. Argument
 - B. Explanation
 - C. Report
 - D. Illustration
- ☒ 6. Shouting fire in a theater creates a clear and present danger and is not protected by the right to free speech. Expressing ideas that might harm the war effort creates a clear and present danger. Thus, expressing ideas that might harm the war effort is not protected by the right to free speech. It is identified as:
 - ☒ A. Deductive argument
 - B. Report
 - ☒ C. Inductive argument
 - D. Explanation
7. Which one of the following is deductive argument?
 - ☒ A. If an organism is a plant, then it performs photosynthesis. This organism performs photosynthesis. Therefore, this organism is a plant.
 - B. The captain navigates a ship through rough waters to reach its destination safely. Thus, a Chief Executive Officer steers a company through challenges to achieve long-term success.
 - C. There is mess and graffiti in the neighborhood. Therefore, there is lack of community pride and engagement.
 - D. There is the rapid technological advancement and consumer demand. Hence, it is expected that electric vehicles will dominate the automotive market within the next decade.
8. Which one of the following is an argument?
 - A. If people are not free, then they cannot be held morally responsible for their actions.
 - ☒ B. People are not free. Those who think they are free are hopelessly naive. People are no more able to control their own destinies than are ants, and it's just anti-scientific to say so.
 - C. War is wrong because it involves killing innocent people and that is always wrong. ☒



- Part II: match column "A" with column "B"**

ANSWER SHEET

16. G
17. A
18. F
19. E
20. D