

Reg No:.....
Name :.....

K25FY2468 B

Second Semester FYUGP Philosophy Examination
APRIL 2025 (2024 Admission onwards)
KU2DSCPHL104 (INDUCTIVE LOGIC AND FALLACIES)
(DATE OF EXAM: 30-4-2025)

Time : 120 min

Maximum Marks : 70

Part A (Answer any 6 questions. Each carries 3 marks)

1. What is the "problem of induction"? 3
2. How does analogical reasoning work? 3
3. Define analogy. 3
4. Give an example for Mill's method of residues. 3
5. Define Mill's method of residues. 3
6. Provide an example of the appeal to the populace fallacy. 3
7. Identify and define the fallacy of the following argument. "Everyone is buying this new phone, so it must be the best one." 3
8. Identify and define the fallacy of the following argument. "If you don't vote for me, you will regret it". 3

Part B (Answer any 4 questions. Each carries 6 marks)

9. What is an inductive leap? Provide examples to illustrate its role in inductive reasoning. 6
10. Describe the probabilistic nature of induction and explain why inductive conclusions are never completely certain. 6
11. Why is a representative sample important in statistical induction? Give an example of how a biased sample can lead to false conclusions. 6
12. What is the difference between formal and informal fallacies? 6
13. Person A: "We should increase the minimum wage to help low-income workers."
Person B: "Why should we listen to you? You've never even run a business!"
Identify the fallacy in the above argument and explain it. 6
14. Explain the straw man fallacy and provide an example. 6

Part C (Answer any 2 question(s). Each carries 14 marks)

15. Explain the following fallacies and give examples. Accident, Complex question and Begging the question 14

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16. Explain the following fallacies with examples. The argument from ignorance, The appeal to inappropriate authority, False cause and Hasty generalisation 14
17. Explain the difference between scientific and unscientific explanations. 14