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MATRICULATION AND SECONDARY EDUCATION CERTIFICATE
EXAMINATIONS BOARD

**INTERMEDIATE MATRICULATION LEVEL
2022 SECOND SESSION**

SUBJECT:	**Philosophy**
DATE:	1st September 2022
TIME:	4:00 p.m. to 7:05 p.m.

This examination paper has two Sections. Answer **BOTH** Section A and Section B.
Section A carries 30 marks and Section B carries 70 marks. Follow the instructions given in each section.

SECTION A: LOGIC AND REASONING

Answer any THREE questions from Section A. Each question carries 10 marks.

1. a) Identify the following logical fallacy and explain the error in reasoning:
   "Mr. John, a famous social media celebrity, endorses this extreme diet. The amount of likes he gets indicates that he is qualified to speak on the topic of nutrition."   (4)

   b) Give the logical structure of the fallacy 'Begging the question'.   (2)

   c) Explain the error in reasoning of the logical fallacy 'Appeal to emotion' and provide an example.   (4)

   (Total: 10 marks)

2. a) What does it mean to say that an argument is deductive?   (2)

   b) What does it mean to say that an argument is valid?   (2)

   c) Translate the following and check whether the implication is valid. Give a reason for your answer.

   "If there is something good on TV then I will not fall asleep. There is nothing good on TV. Therefore, I will fall asleep."   (3)

   d) Work out whether the Partial Replacement Rule (substituting part of the formula by an equivalent one resulting in a formula which is equivalent to the original one) is applicable to the following equivalence. Give a reason for your answer.
   $\neg (a \rightarrow \neg b) >< \neg (b \rightarrow \neg a)$ (3)

   (Total: 10 marks)

   Please turn the page.

3. a) With the help of an example, explain briefly what the adjunctor (a ∨ b) is, and state the conditions under which it is false. (2)

b) Using truth-tables and giving reasons for your answer, work out whether ∧ is associative. (2)

c) Translate and check whether the implication below is valid. Give a reason for your answer.

"Lisa will pass the exam if and only if she can play tennis or she can play football. Therefore, if Lisa can play tennis, she will pass the exam, or if she can play football, she will pass the exam." (4)

d) Explain what is meant by virtual bi-location. (2)

(Total: 10 marks)

4. a) With the help of an example, explain briefly what is the bi-subjunctor (a ↔ b) and state the conditions under which it is false. (2)

b) Translate the following:
"If it rains, I will not go to the park and I will not go for a walk." (1)

c) By following the translation in (b), write the following into words:
   i. a ⊔ b (1)
   ii. b ↔ ¬ a (1)
   iii. b → c (1)
   iv. ¬a ↔ (b ∧ c) (1)
   v. ¬a → (b ∨ c) (1)

d) Explain with the help of an example what an elementary proposition is. (2)

(Total: 10 marks)

SECTION B: ETHICS AND SOCIETY

Answer QUESTION 5 and any other question from this section. Each question carries 35 marks.

5. Discuss the proper purpose of human beings according to Aristotle.

6. What does Sartre mean by the creation of value in his existentialist philosophy? Discuss.

7. Discuss how the achievement of a life of pleasure in Epicurean philosophy requires overcoming the fear of death and superstition.

8. Utilitarian ethics judges an action as right or wrong by assessing the consequences and effects of an action. Discuss and evaluate the strengths and weaknesses of this ethical position.