Gratia Christian College
宏恩基督教學院

Final Examination

Programme	:	General Education
Academic Year (Semester)		2025-2026 (First Semester)
Course Code	:	GEN1502
Course Title		Critical Thinking
Date	:	18 December 2025
Time	:	1900-2100
Time Allowed	:	2 hours
Weighting	:	40% of the overall marks

Student ID No. : _____

This paper has **10** pages (including this cover page)

Instructions to candidates:

1. This paper has 3 sections.
2. Answer all questions in sections A, B, & C.
3. This paper carries 100 marks which are allocated to each question as indicated.
4. This is a closed book examination.

NOT TO BE TAKEN AWAY

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Section A: Multiple Choices (40%)

Attempt all questions

Choose the best answer to each of the following questions.

Each question weighs 2%.

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Section B: True or False Questions

Attempt all questions (10%)

State whether the following statements are true or false.

Each question weighs 1%.

1. "Should it rain, the picnic will be cancelled" is a material implication.
2. The false dilemma fallacy presents more than two options when more may exist.
3. "I ate because I was hungry" is an argument.
4. Illustrations are used to strengthen an argument by providing proof.
5. "Time is like a dream" is a cognitively meaningless statement.
6. A straw man fallacy involves misrepresenting an opponent's argument to make it easier to attack.
7. An appeal to authority fallacy is valid when the authority cited has legitimate expertise in the relevant field.
8. An *ad hominem* argument strengthens the reasoning by focusing on the motive of the person making the argument.
9. The appeal to emotion fallacy involves using emotional appeals to persuade an audience, rather than relying on logical arguments.
10. Reports are not a type of argumentative discourse.

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Section C: Short Questions (50%)
Attempt all questions

1. Critically comment on the reasoning involved in the following passages.

a. Charlie Kirk uses the car analogy to highlight hypocrisy in gun control arguments: he points out that cars cause far more accidental deaths annually (around 40,000) than guns do in similar contexts, yet no one demands banning cars or severely restricting driving. (5%)

b. If Hong Kong legislates same-sex marriage in 2025, the next step will be demands for polygamous and polyamorous unions, followed by the normalization of incestuous relationships, ultimately dismantling the traditional one-man-one-woman family structure that has sustained society for centuries. (5%)

2. Considering the letter below, which of the points presented serve as reasons? (5%)

"Dear Mr Law
This letter is to inform you that your son Patrick Law has been expelled from Gratia College deemed this action to be necessary and appropriate for the following reasons:

1. Beijing is the capital of PRC.
2. The capital of PRC is Beijing.
3. Patrick deserved to be expelled.
4. Patrick earned Fs in all his classes, physically assaulted one of his professors, and was continuously drunk from the first day of classes to the last day of final exams.
5. Any student who earns Fs in all his classes, physically assaults a professor, and is continuously drunk from the first day of classes to the last day of final exams deserves to be expelled.
6. Therefore, Patrick deserves to be expelled."

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3. a. Given:

p	q	p∩q
T	T	T
T	F	F
F	T	F
F	F	F

p	q	p ∪ q
T	T	T
T	F	T
F	T	T
F	F	F

p	q	p ⊃ q
T	T	T
T	F	F
F	T	T
F	F	T

Use the truth table method to determine the truth values of (p∩~ p) ⊃ q. (5%)

b. Use truth-table method to determine if the following argument form is valid or not. (10%)
"p ⊃ q", therefore "~q ⊃ ~p."

4. Mr. McGregor, a London shopkeeper, phoned Scotland Yard that his shop had been robbed. Three suspects A, B, and C were rounded up for questioning. The following facts were established:

(1) Each of the men A, B, C had been in the shop on the day of the robbery, and no one else had been in the shop that day.
(2) If A was guilty, then he had exactly one accomplice.
(3) If B is innocent, so is C.
(4) If exactly two are guilty, then A is one of them.
(5) If C is innocent, so is B.
Whom did Inspector Craig indict?
(10%)

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5. Use Venn diagram to represent the following statements.
   a. All men are mortal. (5%)
   b. Some dogs are not mammals. (5%)

END

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