



UNIVERSITI KUALA LUMPUR  
INSTITUTE OF MEDICAL SCIENCE TECHNOLOGY

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**FINAL EXAMINATION**  
**OCTOBER 2025 SEMESTER**

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COURSE CODE : HDB40203  
COURSE TITLE : PHILOSOPHY OF EDUCATION  
PROGRAMME NAME : BACHELOR OF BIOMEDICAL SCIENCE (HONOURS)  
DATE : 29 JANUARY 2026  
TIME : 9:00AM - 12:00PM  
DURATION : 3 HOURS



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**INSTRUCTIONS TO CANDIDATES**

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1. Please read the instructions given in the question paper CAREFULLY.
2. This question paper is printed on both sides of the paper.
3. This question paper consist of ONE sections.
4. Section A consist of five questions. Answer FOUR (4) questions only.
5. Please write your answer on the answer booklet provided.
6. Please answer all questions in English only.
7. Refer to the attached Formula/ Appendies.  *Tick if applicable*

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THERE ARE 6 PAGES OF QUESTIONS INCLUDING THIS PAGE

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**SECTION A (Total: 100 marks)**

Answer FOUR (4) questions.

Please use the answer booklet provided.

**Question 1**

In the educational field, recognizing the complex nature of various memory types can markedly improve instructional approaches and student outcomes. The roles of short-term and long-term memory are essential in the processes of acquiring, retaining, and recalling information. Exploring how these memory systems work can offer crucial insights, guiding the creation of effective educational strategies and teaching methods.

With reference to the above statement, answer the following questions.

- (a) Illustrate three differences between explicit (declarative) memory and implicit (procedural) memory. (6 marks)
- (b) Distinguish three differences between 'short term' memory and 'long term' memory. (9 marks)
- (c) Describe two strategies for educators to make learning content more emotionally engaging and memorable for students. (10 marks)

**Question 2**

The value of critical thinking skills has significantly increased in a broad spectrum of professions. It is advantageous in positions that necessitate data analysis, systematic approaches to solving problems, the development of effective solutions, strategic planning, and imaginative thinking. As we move into the fourth industrial revolution, the need for critical thinking abilities has intensified.

With reference to the above statement, answer the following questions.

- (a) Describe benefits of teaching critical thinking skills.

(10 marks)

- (b) Explain three examples of 'critical thinking' activities that a teacher can carry out in the classroom.

(15 marks)

**Question 3**

Assessment is vital in today's educational framework, serving dual functions: it provides a mechanism for assessing individual student progress and allows for the comparison of academic performance across different groups and populations. The feedback from such assessments gives students clear targets for what is required to excel in their assignments, while also offering educators a more detailed view of student progress.

With reference to the above statement, answer the following questions:

- (a) Discuss two roles of Formative and Summative Assessments in enhancing students' learning.  
(10 marks)
  
- (b) Discuss two impacts of standardized testing on the educational system.  
(10 marks)
  
- (c) Explain the primary purpose of grading in education.  
(5 marks)

**Question 4**

Motivation plays a crucial role in the learning journey. It can be the deciding factor between success and failure. While external factors drive the learning for some, internal goals and desires propel others. It is important to understand how motivation influences learning outcomes.

With reference to the above statement, answer the following questions:

- (a) Illustrate four strategies that teachers can adopt to foster a motivating learning environment.

(8 marks)

- (b) Explain two impacts of teacher's actions, attitude, and teaching style towards student motivation in learning.

(8 marks)

- (c) Explain how different types of feedback (positive, negative, constructive) can affect a student's motivation to learn.

(9 marks)

**Question 5**

Historically, intelligence in a person was identified by their ability to resolve issues and apply logic in answering questions. Yet, in 1983, psychologist Howard Gardner introduced a much wider interpretation of intelligence. He suggested eight distinct forms of intelligence to encompass a wider variety of human cognitive capabilities and special talents.

With reference to the above information, answer the following questions;

- (a) Briefly explain the importance of recognizing multiple intelligences in students.  
(3 marks)
- (b) Identify and briefly describe any three of Gardner's Multiple Intelligences.  
(12 marks)
- (c) Examine whether these skills are suitable to be studied by members of the health sector such as doctors, nurses and paramedics.  
(10 marks)

**END OF EXAMINATION PAPER**

