



**JABATAN KEJURUTERAAN MEKANIKAL
SESI I 2025/2026 (SEPTEMBER 2025)**

BJF30523 – INDUSTRIAL ETHICS

LECTURER NAME	Ts. MOHD NAZRI BIN MOHD NAZRI Ts. DR. WOO TZE KEONG	
TYPE OF ASSESSMENT	PENTAKSIRAN 1	
TOPIC	INTRODUCTION TO ENGINEERING ETHICS	
DURATION	40 MINUTES	
DATE OF ASSESSMENT		
STUDENT'S INFORMATION	BMS 3A / BMS 3B	
	NAME	REGISTRATION NO.
TOTAL MARKS	CLO 1	/100 MARKS

BJF30523 – INDUSTRIAL ETHICS

Test – Introduction to Engineering Ethics

CLO 1	Determine the code of engineering ethics in engineering technologies practice.	PLO 6	SK 1,SK5, SK7 SP 1, SP 3
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Assessment Description

SP	Characteristics	Taxonomy	Task/Question	Mark distribution
SP1	Depth of knowledge required SK3: Engineering fundamentals SK5: Engineering Design	C4		40
SP3	Depth of Analysis Required	C4		10
			Total	50

SHORT ANSWER QUESTIONS

Time Allowed: 40 Minutes

Total Marks: 100 Marks (20 Questions × 5 Marks)

INSTRUCTIONS TO CANDIDATES:

1. Answer ALL questions.
2. Each question carries **FIVE (5)** marks.
3. Write your answers clearly and concisely.

Q1. Define ethics in the context of engineering.	[5 marks]
Q2. State the origin of the word ethics and its meaning.	[5 marks]
Q3. What is meant by engineering ethics?	[5 marks]
Q4. State THREE (6) objectives of studying Engineering Ethics.	[5 marks]
Q5. Briefly differentiate between ethics and law.	[5 marks]
Q6. State the main purpose of law in society.	[5 marks]
Q7. What does the term 'Legal but Unethical' mean? Give one example.	[5 marks]
Q8. What does 'Ethical but Illegal' mean? Give one example.	[5 marks]

Q9. Define personal ethics. [5 marks]

Q10. Define professional ethics. [5 marks]

Q11. State **TWO (2)** similarities between personal ethics and professional ethics. [5 marks]

Q12. State **TWO (2)** differences between personal ethics and professional ethics. [5 marks]

Q13. What is meant by micro ethics? [5 marks]

Q14. What is meant by macro ethics? [5 marks]

Q15. State **TWO (2)** examples of micro ethics issues in engineering. [5 marks]

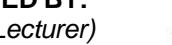
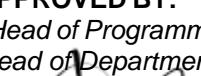
Q16. State **TWO (2)** examples of macro ethics issues in engineering. [5 marks]

Q17. What is the main ethical issue in the Design Competition case study? [5 marks]

Q18. Why is the Design Competition case classified as a micro ethics issue? [5 marks]

Q19. Define conflict of interest in engineering practice. [5 marks]

Q20. Why must engineers practice both micro ethics and macro ethics? [5 marks]

PREPARED BY: (Course Lecturer)	CHECKED BY: (Course Coordinator/ Head of Programme)	APPROVED BY: (Head of Programme/ Head of Department)
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