



KEMENTERIAN PENDIDIKAN TINGGI
JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI



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

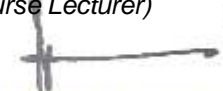
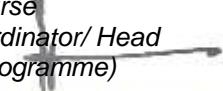

Total Marks: 100 Marks (20 Questions × 5 Marks)

INSTRUCTIONS TO CANDIDATES:

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

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| 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]

<p>PREPARED BY: (Course Lecturer)</p>  <p>Ts. MOHD NAZRI B. MOHD SABRI Pensyarah Utama Jabatan Kejuruteraan Mekanikal Politeknik Ungku Omar muhammadnazri@puo.edu.my</p> <p>..... (Ts. MOHD NAZRI BIN MOHD SABRI) Date:</p>	<p>CHECKED BY: (Course Coordinator/ Head of Programme)</p>  <p>Ts. MOHD NAZRI B. MOHD SABRI Pensyarah Utama Jabatan Kejuruteraan Mekanikal Politeknik Ungku Omar muhammadnazri@puo.edu.my</p> <p>..... (Ts. MOHD NAZRI BIN MOHD SABRI) Date:</p>	<p>APPROVED BY: (Head of Programme/ Head of Department)</p>  <p>DR.-ING. ROSMAWATI MAT JIHIN PENSYARAH UTAMA JABATAN KEJURUTERAAN MEKANIKAL POLITEKNIK UNGKU OMAR rosmawati@puo.edu.my</p> <p>..... (DR.-ING. ROSMAWATI BINTI MAT JIHIN) Date: rosmawati@puo.edu.my</p>
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