



**UNIVERSITI TUN HUSSEIN ONN
MALAYSIA**

**FINAL EXAMINATION
SEMESTER II
SESSION 2009/2010**

SUBJECT NAME : ENGINEERS IN SOCIETY
SUBJECT CODE : BPK 4032
COURSE : 4 BEP / BEM / BET
EXAMINATION DATE : APRIL / MAY 2010
DURATION : 2 HOURS 30 MINUTES
INSTRUCTION : ANSWER **FOUR (4)** QUESTION
ONLY OUT OF SIX (6) QUESTIONS

THIS QUESTION PAPER CONSISTS OF 3 PAGES

- Q1 (a) State **THREE (3)** attributes of a profession. (5 marks)
- (b) Discuss **FIVE (5)** factors that support the importance of Code of Ethics for an engineer. (20 marks)
- Q2 Whistle-blowing occurs when an employee or former employee conveys information about a significant moral problem to someone in position to take action on the problem.
- (a) Differentiate between internal, external and open Whistle-Blowing with appropriate examples. (10 marks)
- (b) Analyse employees' rights that involve the status of being an employee with appropriate example for each right. (15 marks)
- Q3 (a) Explain **FOUR (4)** ethical theories to be considered to facilitate problem solving with appropriate example for each theory. (20 marks)
- (b) An employee having a conflict of interest is seen as morally unacceptable. Describe **TWO (2)** reasons to supports the said statement. (5 marks)
- Q4 Technology transfer is one of many ways for a country to acquire technology.
- (a) Evaluate **TWO (2)** merits and **TWO (2)** demerits of technology transfer. (20 marks)
- (b) Explain **TWO (2)** elements of sustainable development. (5 marks)

- Q5 (a) Explain **FIVE (5)** roles of engineers and technologist in environmental conservation (15 marks)
- (b) Discuss **FIVE (5)** of the seven Green Strategies. (10 marks)
- Q6 Discuss the functions and the future of ISO 14000 in Malaysia. (25 marks)

END OF QUESTION PAPER