



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER I
SESSION 2017/2018**

COURSE NAME : TECHNOLOGY TRANSFER
COURSE CODE : BPB 44602
PROGRAMME CODE : BPA
EXAMINATION DATE : DECEMBER 2017 / JANUARY 2018
DURATION : 2 HOURS
INSTRUCTION : ANSWERS ALL QUESTIONS

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THIS QUESTION PAPER CONSISTS OF **THREE (3)** PAGES

- Q1** The ability of different countries to benefit from technology transfer varies with the levels of technological capability.
- (a) Define technological capability. (3 marks)
 - (b) Discuss **THREE (3)** success factors of technology transfer. (12 marks)
 - (c) Elaborate **ONE (1)** practice of a technology transfer in Malaysia with an example. (10 marks)
- Q2** Technology development is associated with the needs and pressures created by environment and society which involves passing through a series of stages.
- (a) List **THREE (3)** out of six stages in technology development. (3 marks)
 - (b) Explain **FOUR (4)** categories of R&D. (10 marks)
 - (c) Distinguish between acquisition and adaptation of technology transfer. (12 marks)
- Q3** Appropriate technology focuses on the twin terms of capital-intensive or machine-intensive technology.
- (a) Define the following terms with examples:
 - (i) Capital-intensive
 - (ii) Machine-intensive(5 marks)
 - (b) Demonstrate the application of capital-intensive and machine-intensive using appropriate examples. (20 marks)

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Q4 Technological planning and technology assessment constitute two fundamental subsystems within technology transfer integrated system.

(a) Define the following terms with examples:

(i) Technological planning

(ii) Technology assessment

(5 marks)

(b) Illustrate the technology transfer integrated system using appropriate examples.

(20 marks)

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-END OF QUESTIONS-