

**CONFIDENTIAL**



**UTMH**  
Universiti Tun Hussein Onn Malaysia

**UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

**FINAL EXAMINATION  
SEMESTER II  
SESSION 2016/2017**

**COURSE NAME : MANAGEMENT INFORMATION SYSTEM**  
**COURSE CODE : DAT 20603**  
**PROGRAMME : DAT**  
**EXAMINATION DATE : JUN 2017**  
**DURATION : 2 HOURS 30 MINUTES**  
**INSTRUCTION : ANSWER ALL QUESTIONS**

**TERBUKA**

**THIS QUESTION PAPER CONSISTS OF FOUR (4) PAGES**

**CONFIDENTIAL**  
Majlis Sains dan Teknologi  
Pusat Penyelidikan dan Inovasi  
Universiti Tun Hussein Onn Malaysia

**Q1** Management Information System (MIS) is important for organization to facilitate the process of information management.

- a) Explain **TWO (2)** investment interest when buying computer in an organization. (2 marks)
- b) State **THREE (3)** major components of a computer. (6 marks)
- c) Design a process flow modelling of cache memory. (10 marks)
- d) Give **ONE (1)** difference between Multiprocessing and Graphics Processing Unit (GPU) (2 marks)

**Q2** The use of mobile and electronic trade was the catalyst for the economy.

- a) Explain mobile and electronic commerce. (2 marks)
- b) State **THREE (3)** importance of the internet in helping businesses online. (6 marks)
- c) Discuss **FOUR (4)** functional applications of internet to improve a business management. (8 marks)
- d) Give **TWO (2)** differences between business to business (B2B) and business to consumer (B2C). (4 marks)

**TERBUKA****CONFIDENTIAL**

Universiti Tun Hussein Onn Malaysia  
Pusat Pengajian Diploma  
Jabatan Teknologi Maklumat  
Pensyarah  
Mond Substimi bin Mohd Yusoff

**Q3** Integrated information is important to organization when applying to a business or non business nature.

- a) Clarify integration of information. (2 marks)
- b) State **THREE (3)** main factors that are include in business integration. (6 marks)
- c) Design a process flow modelling to suggest on how e-commerce could be implemented. (12 marks)

**Q4** Transaction Processing Systems (TPS) is important for organization to improve their management.

- a) Explain Transaction Processing Systems (TPS). (2 marks)
- b) State **THREE (3)** main factors in traditional Transaction Processing Methods. (6 marks)
- c) Discuss on data editing and data correction with appropriate examples to help improve a management. (12 marks)

**TERBUKA****CONFIDENTIAL**

Universiti Tun Hussein Onn Malaysia  
Pusat Pengajian Diploma  
Jabatan Teknologi Maklumat  
Penyasterai  
Mara Substansi

**Q5** Development of information systems in organization is an important element of success of an organization.

- a) Explain development of information systems. (2 marks)
- b) State **THREE (3)** main factors on system design. (6 marks)
- c) Development of information systems in an organization is important to management. Apply a prototyping processes to improve a system. (8 marks)
- d) There are two methods of evaluation techniques in information systems. Give **ONE (1)** difference between group consensus and cost or benefit analysis. (4 marks)

**- END OF QUESTION -**

**TERBUKA**

**CONFIDENTIAL**  
Universiti Tun Hussein Onn Malaysia  
Fakulti Pengajian Sains  
Laboratori Teknologi Maklumat  
Jalan Sains 1, 81300 Skudai, Johor Bahru