UNIVERSITI UTARA MALAYSIA
PEPERIKSAAN AKHIR SEMESTER PERTAMA SESI 2009/2010
FINAL EXAMINATION FIRST SEMESTER SESSION 2009/2010

KOD / NAMA KURSUS : STID3113 / KAEDAH PENYELIDIKAN DALAM IT
CODE / COURSE : STID3113 / RESEARCH METHODOLOGY IN IT
TARIKH : 15 NOVEMBER 2009 (AHAD / SUNDAY)
DATE : 2.30 – 5.00 PETANG/IPM (2 ½ JAM / HOUR)
MASA : TIME
TEMPAT : DP4 (1) FTM & KYM
VENUE :

ARAHAN :
1. Buku soalan ini mengandungi DUA PULUH (20) SOALAN di dalam SEMBILAN (9) halaman bercetak tidak termasuk kulit hadapan.
2. Siapa jawab SEMUA soalan di dalam ruang jawapan yang disediakan.

INSTRUCTION :
1. This book script contains TWENTY (20) QUESTION in NINE (9) printed pages excluding the cover page.
2. Answer ALL questions in the space provided.

NO. MATRIK :
MATRIC NO.
( dengan perkataan/in words )
( dengan angka/in numbers )

NO. KAD PENGENALAN :
IDENTIFICATION NO.

PENSYARAH :
LECTURER

KUMPULAN:
GROUP
□ NOMBOR MEJA
TABLE NO.

JANGAN BUKA KERTAS SOALAN INI SEHINGGA DIBERI ARAHAN
PLEASE DO NOT OPEN THIS QUESTION BOOKLET UNTIL INSTRUCTION IS GIVEN.
INSTRUCTION: Read all questions carefully and write your answers in the space provided.

1. Describe what research is all about. (4 MARKS)

2. How can you differentiate between basic and applied research? (4 MARKS)

3. Compare and contrast TWO (2) different approaches of doing research namely deductive and inductive method. (4 MARKS)
4. Define what is Literature Review? (4 MARKS)

5. Why do you think a literature review is very important in completing a research? (4 MARKS)

6. What is the nature of a problem statement for a scientific research? (4 MARKS)
7. What are the questions you should reflect within your thinking framework to ensure that the identified problem statement is a good one?  

(4 MARKS)

8. Why the concept of “fishing expedition” can be very dangerous when you want to identify your problem statement for your research?  

(4 MARKS)

9. Define what is research methodology?  

(4 MARKS)
10. List **FIVE (5)** common mistakes that are being done by a researcher when writing a research proposal.

(5 MARKS)

11. What are the basic questions you need to ask when you are creating a research design/methodology for your research? List **FIVE (5)** of them.

(5 MARKS)
12. Data is the main requirement for doing a research. Describe TWO (2) general methods of selecting the appropriate level source of data. Compare and contrast these two methods?

(6 MARKS)

13. What are the basic questions that you need to ask when selecting/creating a framework of sampling? List FIVE (5) of them.

(5 MARKS)
14. List all stages of planning when you decide to use sample for your data collection.
   (5 MARKS)

15. Elaborate **FOUR (4)** basic types of scale that can be used in measuring research variables.
   (8 MARKS)
16. Explain the **FOUR (4) issues** that you need to address in order to establish trustworthiness toward your data analysis stage for your qualitative research?  
(8 MARKS)

17. How **descriptive statistics** can be different from **inferential statistics**?  
(4 MARKS)
18. What is the basic structure that a final report should have? (4 MARKS)

19. What are the basic guidelines that you can follow when writing your abstract for your research report? (4 MARKS)
20. **INTERVIEW** is one of the data collection methods that you can use in your research. Discuss further about this method.

(10 MARKS)