FINAL EXAM
FIRST SEMESTER 2011/2012 SESSION

COURSE CODE / NAME : SGDM2023 INSTRUCTIONAL DESIGN
DATE : 18th JANUARY 2012 (WEDNESDAY)
TIME : 9:00 – 11:30 AM (2 ½ HOURS)
VENUE : DTSO UUM

INSTRUCTIONS:

1. This exam paper contains TWO (2) sections i.e., Section A and Section B, in SEVEN (7) printed pages, excluding the cover page.
2. Section A contains ELEVEN (11) structured questions. Section B contains TWO (2) essay questions.
3. You are required to answer ALL the questions.
4. Answer Section A on the exam paper and Section B on the answer sheets provided.
5. Answers to Section A and Section B should be tied together.
6. You are NOT ALLOWED to remove the exam paper from the examination hall.

MATRIC NO : .................................................. (with word)
IDENTIFICATION CARD NO. : ..................................................
LECTURER : DR ABDUL HALIM MOHAMED
GROUP : A

DO NOT TURN THIS EXAM BOOKLET UNTIL INSTRUCTED

CONFIDENTIAL
SECTION A (60 marks)

INSTRUCTIONS:
Answer ALL the questions.

1 Define the following terms in relation to instructional design:
   (a) education

   (2 marks)

   (b) curriculum

   (2 marks)

   (c) teaching

   (2 marks)
(d) instruction

(2 marks)

(e) instructional design

(2 marks)

(f) method

(2 marks)

(g) instructional technology

(2 marks)
(h) Malaysian Smart School

(i) ARCS Model

(j) competencies

2 State the THREE (3) phases of instructional design.

(i) _______________________________________________________________________

(ii) _______________________________________________________________________

(iii) _______________________________________________________________________

(3 marks)
3. State **THREE (3)** similarities between instructional designer and engineer.

(i) ____________________________________________

(ii) ____________________________________________

(iii) ____________________________________________ (3 marks)

4. State **THREE (3)** criteria for writing learning objectives.

(i) ____________________________________________

(ii) ____________________________________________

(iii) ____________________________________________ (3 marks)

State **FIVE (5)** ways that can help transfer information from the Short-Term Memory to the **Long Term Memory** as suggested by Cognitive Information Processing Theory (Ommrod, 1996).

(i) ____________________________________________

(ii) ____________________________________________

(iii) ____________________________________________

(iv) ____________________________________________

(v) ____________________________________________ (5 marks)


(i) ____________________________________________

(ii) ____________________________________________

(iii) ____________________________________________ (3 marks)

6. Briefly state the **TWO (2)** general criteria for evaluating educational/academic Courseware.

(i) ____________________________________________

(ii) ____________________________________________ (2 marks)
8. State THREE (3) types of front-end analysis.
   (i) _______________________________
   (ii) _______________________________
   (iii) _______________________________ (3 marks)

9. State the FOUR (4) levels of Kirkpatrick’s training evaluation.
   (i) _______________________________
   (ii) _______________________________
   (iii) _______________________________
   (iv) _______________________________ (4 marks)

10. State the SIX (6) principles of visual design.
    (i) _______________________________
    (ii) _______________________________
    (iii) _____________________________
    (iv) ______________________________
    (v) ______________________________
    (vi) _______________________________ (6 marks)
List down the EIGHT (8) steps in Pedagogical Cycle (Mc Donald et al., 2006).

(i) ______________________________________________________________________

(ii) ______________________________________________________________________

(iii) _____________________________________________________________________

(iv) _____________________________________________________________________

(v)  _____________________________________________________________________

(vi) _____________________________________________________________________

(vii) ___________________________________________________________________

(viii) _____________________________________________________________________ (8 marks)
SECTION B (40 marks)

INSTRUCTIONS:
Answer ALL the questions.

1. Illustrate Dick and Carey's Instructional Design Model (2006) and discuss its application in ensuring effective classroom teaching. 
   (20 marks)

2. Discuss the TEN (10) steps for developing educational courseware as suggested by Alessi and Trollip (2006).
   (20 marks)

END OF EXAM PAPER