

Angka Giliran: \_\_\_\_\_

No. Tempat Duduk: \_\_\_\_\_

UNIVERSITI SAINS MALAYSIA

Peperiksaan Semester Pertama  
Sidang Akademik 2002/2003

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**HXE 309 - Testing and Evaluation**

Masa : 3 jam

**INSTRUCTIONS TO CANDIDATES:**

1. This paper contains SIX [6] questions in THREE [3] pages.
2. Answer any FOUR [4] questions.
3. All questions carry equal marks.

**ANSWER EACH QUESTION ON A FRESH SHEET OF PAPER**

1. Table 1 shows hypothetical scores on a norm-referenced test at the end of a language course. Study the table below and answer the questions that follow:

**Table 1: Test Scores on a language test**

Student ID Number	Scores
1	82
2	78
3	76
4	76
5	73
6	73
7	73
8	69
9	68
10	68
11	66
12	65
13	62
14	60
15	58
16	58

By showing your workings,

- [a] calculate the **mean** of this language test.
- [b] what is the **mode**, **median** and **midpoint** for this set of scores?
- [c] calculate the **standard deviation** of this test, by presenting step-by-step values in the form of a table.
- [d] calculate the **variance** of this test.

[100 marks]

...3/-

2. 'If tests are the instruments of measurement, scales are the gauges of measurement. The magnitude of any measurement is indicated by some point or position on a scale' (Henning, 1987). Discuss, with examples, the significance of using scales in describing test results.

[100 marks]

3. Brown (1996) finds that the best managerial strategies for developing tests must be tailored to each situation and advocates strategies which involve the teachers in the process of adopting, developing or adapting tests. Discuss, with examples.

[100 marks]

4. Write short notes on any **four [4]** of the following concepts in relation to language testing:

- [a] Skewed distributions
- [b] Test specifications
- [c] An analytic approach in scoring tasks
- [d] Measurement error due to administrative procedures
- [e] Scorer reliability
- [f] Criterion-related validity

[100 marks]

5. Discuss test formats in language assessment which incorporate Oller's (1979) concept of pragmatic expectancy grammar.

[100 marks]

6. 'There are certain principles we can follow in writing items that may ensure greater success when the items undergo formal analysis' (Henning, 1987). Discuss, with examples.

[100 marks]