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| **TEST SPECIFICATION TABLE** |
| **DEPARTMENT & FACULTY: Department of Education Foundation and Social Science Faculty of Education UTM** |
| **COURSE & CODE: Introduction to Scaling & Instrumentation [MPPR 1333]**  **SEMESTER : 1**  **SESSION : 2015/2016** |
| **PREPARED BY :**  **NAME : Dr. Rohaya Talib**  **DATE : September 2015** |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NO** | **CONTENT** | **PO** | **CLO** | **COGNITIVE SKILL LEVELS / PROCESSES** | | | | | | **TOTAL** | **%** |
| **REMEMBERING** | **UNDERSTANDING** | **APPLICATION** | **ANALYSIS** | **SYNTHESIS** | **EVALUATION** |
| **1** | **Measurement Data (24m)** | PO1 | **CLO1** | **1(i)** | **1(ii)** |  | **1(iii)** |  |  | **3** | **25** |
| **2** | **Scales (17m)** | PO1 | **CLO1** |  |  | **2(ii)** | **2(i)** |  |  | **2** | **16.7** |
| **3** | **Characters of good Instrument (10m)** | PO1 | **CLO1** |  | **3** |  |  |  |  | **1** | **8.3** |
| **4** | **Flow of constructing instrument (18m)** | PO2 | **CLO2** |  |  |  | **4(i)** | **4(ii)** |  | **2** | **16.7** |
| **5** | **Pilot Test (15m)** | PO2 | **CLO2** |  |  |  | **5** |  |  | **1** | **8.3** |
| **6** | **Establishing Reliability using software –Winsteps : Rasch Measurement Model (14m)** | PO2 | **CLO3** |  | **6(i)** |  | **6(ii)** | **6(iii)** |  | **3** | **25** |
|  | **Total** | | | **1** | **3** | **1** | **5** | **2** | **0** | **12** | **100** |
|  | **%** | | | **8.3** | **25** | **8.3** | **41.7** | **16.7** | **0** |  | **100** |

Higher Order Thinking Skills (HOTS)

66.67%

Lower Order Thinking Skills (LOTS) - 33.33%