**Learning Unit**

**The Department of Science Level of Students: M. 2**

**Subject Code: SC20203 Subject: Universal Science 3**

**Number of Credit: 1.0 Time: 40 Periods**

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| **Learning Unit** | **Time/ hours** | **Learners’ Key Competencies - Activities** | **Teaching Materials** | **Evaluation Tools** |
| **1. The Human Body**  1.1 From Cell to Organism  1.2 The Digestive System  1.3 The Respiratory System 1.4 The Excretory System  1.5 The Circulatory System  1.6 The Nervous System  1.7 The Reproductive System. | **20**  1  3  4  2  4  2  4 | **Learners’ Key Competencies**  thinking capability  problem solving capability  scientific process, and scientific skills  **Activities**  5E Model | 1. Textbook 2. Supplementary Sheets 3. Work sheets 4. PowerPoint Presentation 5. Websites 6. Learning Resources Centre 7. Laboratory Apparatus | 1. Quizzes 2. Tests 3. Exercises 4. Concept Mapping 5. Observation form 6. Behavior   Observation |
| **2. Separation of Mixtures**  2.1 What is a mixture  2.2 Solutions  2.3 Suspension  2.4 Comparing Solutions and Suspension 2.5 Separation of Mixture  2.5.1 Evaporation  2.5.2 Crystallisation  2.5.3 Distillation  2.5.4 Fractional Distillation  2.5.5 Chromatography | **20**  2  2  2  2  12(2) |