**KENYA MEDICAL TRAINING COLLEGE – MACHAKOS**

**TOPIC COVERAGE**

FACULTY/DEPARTMENT……**COPT**………SUBJECT……**…PHYSIOLOGY 2** (CERTIFICATE)…………………

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| DATE | TIME OF LECTURE  FROM……TO…... | DURATION (HOURS) | TOPIC COVERED | CLASS REPRESENTATIVE SIGNATURE | LECTURE NAME  MICHAEL MUTISYA | SIGNATURE |
|  |  | 2 | **ENDOCRINE SYSTEM** |  | MICHAEL MUTISYA |  |
| Functions of endocrine system  Types of endocrine glands |
|  |  | 2 | Hormones and their functions  Endocrine access  Feedback Mechanism |  | MICHAEL MUTISYA |  |
|  |  | 2 | **RESPIRATORY SYSTEM** |  | MICHAEL MUTISYA |  |
| Review of structure of the respiratory system |
|  |  | 2 | Functions of respiratory system |  | MICHAEL MUTISYA |  |
|  |  | 2 | Defense mechanism of respiratory system |  | MICHAEL MUTISYA |  |
|  |  | 2 | Gaseous exchange of respiratory system |  | MICHAEL MUTISYA |  |
|  |  | 2 | **DIGESTIVE SYSTEM** |  | MICHAEL MUTISYA |  |
| Review of GIT structure  Functions |
|  |  | 2 | Enzymes of GIT system and hormones  Common conditions |  | MICHAEL MUTISYA |  |
|  |  | 2 | **GENITO – URINARY SYSTEM** |  | MICHAEL MUTISYA |  |
| Review of structures of genitourinary system |
|  |  | 2 | Functions of nephrons and other functions of the kidneys |  | MICHAEL MUTISYA |  |
|  |  | 2 | Concepts of plasma clearance |  | MICHAEL MUTISYA |  |
|  |  | 2 | Regulation of vitamin C and erythropoiesis |  | MICHAEL MUTISYA |  |
|  |  | 2 | **SPECIAL ORGANS** |  | MICHAEL MUTISYA |  |
| Functions of the skin, ear, eye |
|  |  | 2 | Tongue, general sensory receptors, pressure |  | MICHAEL MUTISYA |  |
|  |  | 2 | Temperature, pain proprioception and touch |  | MICHAEL MUTISYA |  |

1. Confirmed the above lectures were conducted as detailed above. **Class representative** NAME………………………………………………..signature………………………….date………………………….
2. Certified that the above lectures were conducted as above. **Head of faculty/ Department**

Name …………………………………………………signature…………………………date…………………………..