

**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2018/2019**

**SEMESTER SPECIAL/SUPPLEMENTARY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN HEALTH RECORDS AND INFORMATION MANAGEMENT**

**ICH 2202: MEDICAL TERMINOLOGIES**

**DATE: OCTOBER, 2019 TIME: 2 HOURS**

INSTRUCTIONS: ANSWER ALL QUESTIONS IN **SECTION A** (COMPULSORY) AND ANY OTHER ONE QUESTION IN **SECTION B**

**SECTION A**

1. Explain the meaning of the following prefixes and give one example in each case

 a. Brachy-

 b. Micro-

 c. Neo-

 d. Amphi-

 e. Peri-

 f. Poly-

 (6 marks)

2. Describe the meaning of the following symbols:

5. Using suitable examples on the three basic rules for building medical words.

 (6 marks)

6. Define the tumor and identify the four tumor grades and their characteristics. (6 marks)

7. Elaborate three objectives of learning medical terminologies. (6 marks)

8. Describe correctly in the table given below the body organ that matches the word root and form a medical term in respect to the word root. (6 marks)

|  |  |
| --- | --- |
| **Word root** | **Medical Term Formation** |
| 1. Stomato |  |
| 2. Glosso |  |
| 3. Procto |  |
| 4. Orchido |  |
| 5. Salpingo |  |
| 6. Osteo |  |

**SECTION B**

9 a. Read the abstract below and decode the underlined bolded medical terms using plain English words:- (15 marks)

A 62 year old male comes to his family physician complaining of pain in his right knee. On Physical exam: right knee had **myositis**, **hemiplegia** and limited range of motion which caused **myalgia**. Mild exercise increases **wheezing** and causes **dyspnea**. Examination of the heart size reveals **cardiomegaly**. On further examination the doctor observed that the patient had tachycardia and palpitations. Pat surgical history: **Orchidopexy** for cryptorchidism at the age of nine, **tonsillectomy** and **appendectomy**.

Recommended treatments: Refer to **urologist** to evaluate for **prostatic hypertrophy**, possible **cystoscopy**. Office **phlebotomist** drew specimens for lab work.

 b. Explain the medical terminologies for the following statement:- (7 marks)

 i. Blood in the urine

 ii. Excessive flow of monthly period

 iii. Enlargement of the heart

 iv. Excision of uterus

 v. Repair of a hernia

 vi. Crushing of gall stones using an electric medium

vii. Visualization into the colon using a radiological test

10. Fill in the table below appropriately. (22 marks)

|  |  |  |
| --- | --- | --- |
| Term | Meaning | Example of medical term |
| Tonsi- |  |  |
| Circum- |  |  |
| -it is |  |  |
| -osis |  |  |
| -ectomy |  |  |
| -otomy |  |  |
| Leuk/o- |  |  |
| Melan/o- |  |  |
| Angio- |  |  |
| Adeno- |  |  |
| -plegia |  |  |

11a. Differentiate, with relevant example, the following terminologies:- (10 marks)

 i. Echocardiogram and echocardiography

 ii. Orchiditis and orchidectomy

 iii. Colporrhaphy and colpoplasty

 iv. Signs and symptoms

 v. Xanthoma and melanoma

b. Describe the symbols of the following medical terminologies:- (10 marks)

 i. History

 ii. Fracture

 iii. With

 iv. Patient

 v. Diagnosis

 vi. Seven weeks

c. Describe the meaning of the following procedures:- (6 marks)

 i. Angiorraphy

 ii. Oespohagogastroduodenoscopy (OGD)

 iii. Tuboplasty

 iv. Adenoscopy

 v. Lithotripsy

 vi. Oophrectomy