



**PAMIBIA UNIVERSITY**  
OF SCIENCE AND TECHNOLOGY

**FACULTY OF HEALTH AND APPLIED SCIENCES**

**DEPARTMENT OF HEALTH SCIENCES**

<b>QUALIFICATION : BACHELOR OF SCIENCE IN HEALTH INFORMATION SYSTEMS MANAGEMENT</b>	
<b>QUALIFICATION CODE:</b> 07BHIS	<b>LEVEL:</b> 7
<b>COURSE CODE:</b> MTD611S	<b>COURSE NAME:</b> MEDICAL TERMINOLOGIES AND DISEASE NOMENCLATURE
<b>SESSION:</b> JUNE 2019	<b>PAPER:</b> THEORY
<b>DURATION:</b> 3 HOURS	<b>MARKS:</b> 100

<b>FIRST OPPORTUNITY EXAMINATION QUESTION PAPER</b>	
<b>EXAMINER(S)</b>	MS ROSWITHA MAHALIE
<b>MODERATOR:</b>	DR ADAM FLOWERS

<b>INSTRUCTIONS</b>
<ol style="list-style-type: none"><li>1. Answer ALL questions.</li><li>2. Write clearly and neatly.</li><li>3. Number the answers clearly.</li></ol>

**PERMISSIBLE MATERIALS**

1. None

**THIS QUESTION PAPER CONSISTS OF 5 PAGES** (Including this front page)



## SECTION A

### QUESTION 1

[40 Marks]

- 1.1 Explain to a group of first year HISM students the different rules of joining roots and combining forms (2 marks for each rule). (8)
- 1.2 Identify the wordroot, suffix and prefix in the following words (where applicable) e.g. oligo: prefix; sperm: word root; ia: suffix (22)
- 1.2.1 Periodontics
- 1.2.2 Culdocentesis
- 1.2.3 Hepaticogastrostomy
- 1.2.4 Gnathitis
- 1.2.5 Tonsillotome
- 1.2.6 Autoimmunity
- 1.2.7 Oligospermia
- 1.2.8 Dacryocystoblennorrhoea
- 1.3 Construct 2 medical terms and its meaning from each of the following word Roots.
- 1.3.1 Haem (2)
- 1.3.2 Orch (2)
- 1.3.3 Lith (2)
- 1.3.4 Cephal (2)
- 1.3.5 Splen (2)

## SECTION B

### QUESTION 2

[20 Marks]

- 2.1 Build words that mean the following:
- 2.1.1 Condition of without sensation of pain (1)
- 2.1.2 Surgical repair of a heart valve (1)
- 2.1.3 Excessive flow of saliva (1)
- 2.1.4 Incision into the common bile duct to remove stones (1)
- 2.1.5 Formation of an opening (anastemosis) between the jejunum and another part of the jejunum (1)
- 2.1.6 A person who specialises in the study of tissues (1)
- 2.1.7 Surgical fixation of hidden testes, i.e. into their normal position (1)
- 2.1.8 Surgical repair of the perineum and vagina (1)
- 2.1.9 A false pregnancy i.e. signs and symptoms of an early pregnancy, a result of an overwhelming desire to have a child. (1)
- 2.1.10 Blood and air in the thorax (1)

2.2 Below are some combining forms that refer to the anatomy of the ear. Indicate which part of the system they refer to by putting a number from the diagram next to each word.

- |                 |                          |     |
|-----------------|--------------------------|-----|
| 2.2.1 Tympan/o  | <input type="checkbox"/> | (1) |
| 2.2.2 Ossicul/o | <input type="checkbox"/> | (1) |
| 2.2.3 Cochle/o  | <input type="checkbox"/> | (1) |
| 2.2.4 Salping/o | <input type="checkbox"/> | (1) |
| 2.2.5 Mastoid/o | <input type="checkbox"/> | (1) |

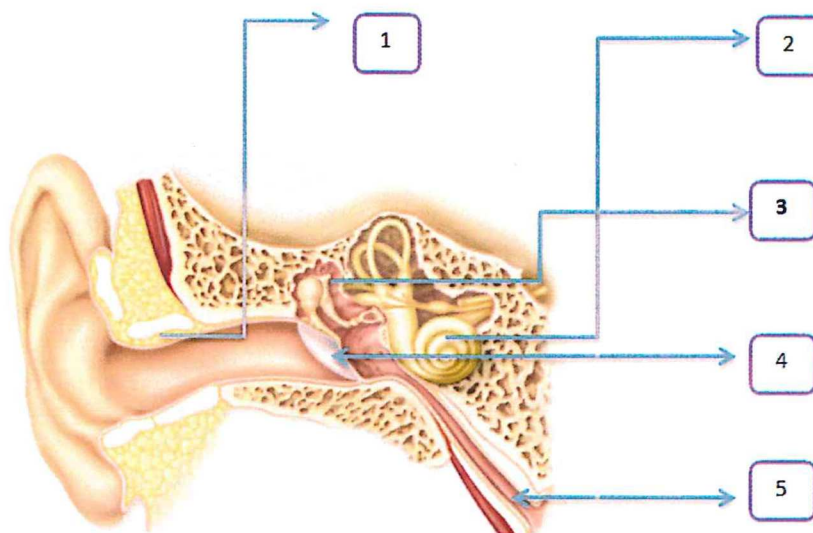


Fig 1: Section through the ear

2.3 Write down the correct meaning of the following suffixes

- |               |     |
|---------------|-----|
| 2.3.1 -ectomy | (1) |
| 2.3.2 -plegia | (1) |
| 2.3.3 -gram   | (1) |
| 2.3.4 -trite  | (1) |
| 2.3.5 -megaly | (1) |

**QUESTION 3**

**[11 Marks]**

3.1 Define the term 'Medical Terminologies and Disease Nomenclature' (2)

3.2 Write down the meaning of the following abbreviations

- |           |     |
|-----------|-----|
| 3.2.1 Pap | (1) |
| 3.2.2 STD | (1) |
| 3.2.3 TUR | (1) |
| 3.2.4 FSH | (1) |

- 3.3 Indicate whether the following statements are TRUE or FALSE. Justify your answer.
- 3.3.1 The word root culd is derived from a French word cul-de-sac which means bottom of a bag or sack. (1)
- 3.3.2 The word root nas is derived from a Latin word nasus which means nose (1)
- 3.3.3 Kytos is a Greek word which means cell (1)
- 3.3.4 Saggital lane divides the body in anterior and posterior portions (1)
- 3.3.5 PCV talked about in the section on levels of organization refers to Packed Chemical Volume. (1)

## SECTION C

### QUESTION 4

**[29 Marks]**

- 4.1 Match each prefix from Column A with a meaning in Column B. Write the appropriate letter from Column B next to the correct number e.g. 4.1.1: A (1 mark for each correct answer=10 marks)

Nr	Column A	Column B
4.1.1	Endo-	A. Beside
4.1.2	Tachy-	B. Hidden
4.1.3	Auto-	C. Deficiency/few
4.1.4	Pachy-	D. Difficult/painful
4.1.5	Crypto-	E. Slow
4.1.6	Xantho-	F. Many
4.1.7	Neo-	G. Without
4.1.8	Brady-	H. Inside/within
4.1.9	A-	I. Yellow
4.1.10	Para-	J. Measuring instrument
		K. Fast
		L. New
		M. Removal of
		N. Thick
		O. Self

- 4.2 Read the case history below and answer the questions that follows
- Mr. Mercedes has a long history of chronic upper respiratory tract infection following a right upper **lobectomy**. On examination he had a degree of bronchospasm, and was showing signs of **hypoxia**, **dyspnea**, **cyanosis** and hypercapnia. His condition was serious and required immediate transfer to the intensive care unit. He was kept **NPO**. He was initially diagnosed with basal pneumonia in the right lung.
- 4.2.1 Write the meaning of the medical terms shown in **bold** (5)

- 4.2.2 Write the word root, prefix and suffix of the underlined words  
(where appropriate) (6)
- 4.3 Discuss the four types of cells that is found in the bone/osseous tissue (8)
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**TOTAL: 100 MARKS**