



BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – B.Sc.(OTT)-2022/B.Sc.(OTT)-2023

Course Name – Medical Terminology and Record keeping (including anatomical terms)

Course Code - BOTTC301

(Semester III)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Identify the following muscle is formed from three divisions-
 - a) Biceps brachii
 - b) Quadriceps
 - c) Triceps brachii
 - d) Mastoid
- (ii) Identify the following professional specializes in diagnosing and treating diseases and disorders of the female reproductive system.
 - a) Neonatologist
 - b) Gynecologist
 - c) Infertility specialist
 - d) Obstetrician
- (iii) Indicate the following symptoms is most likely to be associated with ataxia.
 - a) Lack of coordination of movement.
 - b) Loss of voice.
 - c) Red rash
 - d) Shortage of red blood cells.
- (iv) Select the following correctly names the inner lining of the heart-
 - a) Endocardium
 - b) Myocardium
 - c) Pericardium
 - d) Septum
- (v) Select the Hyperhidrosis is characterised by the following symptoms.
 - a) Excessive growth of body hair.
 - b) Excessive production of sweat.
 - c) Build up of an excess of fluid in a joint.
 - d) Dehydration.
- (vi) Identify the following procedures would be used to withdraw fluid from around the fetus for prenatal testing?
 - a) Amniocentesis
 - b) Cystocentesis
 - c) Pleurocentesis
 - d) Lumbar puncture
- (vii) Identify from the following procedures might be carried out to collect a sample of cerebrospinal fluid in order to diagnose meningitis-
 - a) Amniocentesis
 - b) Cordocentesis
 - c) Lumbar puncture
 - d) RGP
- (viii) Select one of the following electrolytes is represented by the abbreviation K.

- a) Calcium
c) Potassium
- b) Phosphate
d) Sodium
- (ix) Indicate the following departments would hormonal disorders such as diabetes be investigated.
- a) Urology
c) Pharmacology
- b) Paediatrics
d) Endocrinology
- (x) Choose the following medical procedures does the suffix in the medical term oophorectomy refer to-
- a) Incision into.
c) Surgical removal of.
- b) Creating an artificial opening into.
d) Repair.
- (xi) Identify the prefix means "not" or "opposite of"?
- a) pro-
c) ex-
- b) anti-
d) re-
- (xii) Mention the suffix is commonly used to form adverbs?-
- a) -ful
c) -able
- b) -ly
d) -er
- (xiii) Judge the diagnostic imaging technique uses a magnetic field and radio waves to create detailed images of the body's internal structures.
- a) Computed Tomography (CT)
c) Magnetic Resonance Imaging (MRI)
- b) Positron Emission Tomography (PET)
d) X-ray
- (xiv) Select the normal resting heart rate for most adults.
- a) 60-100 beats per minute.
c) 40-50 beats per minute.
- b) 100-120 beats per minute.
d) 150-180 beats per minute.
- (xv) Select the term used to describe the number of heartbeats per minute.
- a) Heart rhythm
c) Cardiac output
- b) Blood pressure
d) Heart rate

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Describe the role of the abbreviation "BMI" in assessing an individual's health. Explain how it is calculated and what the different BMI categories represent. (3)
3. Explain what is the purpose of using combining vowels in medical terms? Give an example of a medical term that uses a combining vowel. (3)
4. Explain what the abbreviation "BP" stands for in a medical context and provide the normal range for blood pressure in adults. (3)
5. Describe the meaning of the abbreviation "BMI" and describe its significance in assessing a person's health. (3)
6. Explain the meaning of the root word "Histo" in medical terms and provide an example of a medical condition or term that uses this root word. (3)

OR

Explain three advantages of using an EHR system for data entry compared to paper-based records. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Define the meaning of the following terms Your definition should demonstrate the difference between them. i)Urologist. ii)Nephrologist (5)
8. Discuss the significance of the abbreviation "ICU" (Intensive Care Unit) in the healthcare system. Describe the types of patients typically cared for in an ICU and the specialized equipment and procedures used. (5)

