

Question Paper

Exam Date & Time: 11-Jan-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER B.Sc. PHYSICIAN ASSISTANT DEGREE EXAMINATION - JANUARY 2023
SUBJECT: PHA1102- MEDICAL TERMINOLOGY
(2022 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) List and explain any five pathological or surgical procedures related to the respiratory system. (20)
Explain the meaning of the following medical terms:
 - a) Asphyxia
 - b) Atelectasis
 - c) Acidosis
 - d) Hemoptysis
 - e) Pyothorax
 - f) Pneumectomy
 - g) Bronchiolitis
 - h) Pharyngoscope
 - i) Rhinoplasty
 - j) Sinusotomy(10+10 = 20 marks)
- 2) List and define any five pathological or disease conditions and five investigation related to the Digestive system. (20)
Build medical terms for the following descriptions:
 - a) inflammation of the gum
 - b) Excision of pancreas
 - c) Excision of colon
 - d) Excision of appendix
 - e) Vomiting blood
 - f) Inflammation of the liver
 - g) Gallstones
 - h) Epigastric discomfort felt after eating or indigestion
 - i) A backward flow, as in the return of solids or fluids to the mouth from the stomach
 - j) Inflammation of epiglottis(10+10 = 20 marks)
- 3) Write the terms for the following: (10)
 - a) destruction of blood
 - b) formation of blood
 - c) abnormal increase in lymphocytes
 - d) abnormal increase in erythrocytes
 - e) abnormal increase in leukocytes
 - f) decrease in leukocytes
 - g) decrease in erythrocytes
 - h) decrease in thrombocytes
 - i) decrease in lymphocytes
 - j) branch of medicine that studies blood cells, blood-clotting mechanisms, bone marrow, and lymph

nodes
(1x10 = 10 marks)

- 4) List ten medical terms related to the male reproductive system and split those medical terms into prefix, word root and suffix. (10)
(1x10 = 10 marks)
- 5A) **Use "oste/o" or "myel/o" and frame the word** (5)
a) Pain in bones
b) Disease of bones and joints
c) Tumor of bone marrow
d) Sarcoma of bone marrow (cells)
e) Bone marrow cell
- 5B) **Write the opposite terms:** (5)
a) Adduction
b) Supine
c) proximal
d) Lateral
e) anterior
- 5C) **Define the following medical terms** (5)
a) oligospermia
b) mastectomy
c) cystitis
d) thrombolysis
e) hepatitis
- 5D) **Form the term using the words inside the bracket** (5)
(penia, pathy, malacia, graphy, emia,)
a) disease of muscle - myo _____
b) softening of the bone - osteo _____
c) white blood condition - leuk _____
d) decrease in bone density - osteo _____
e) instrument for recording electrical activity of the heart - cardio _____
- 5E) **explain -** (5)
a) adhesion
b) edema
c) febrile
d) gangrene
e) inflammation
- 5F) Define arrhythmia. List the types of arrhythmia and briefly explain. (5)
- 6A) Define Benign and Malignant tumor (2)
- 6B) Define primipara and primigravida (2)
- 6C) What are the 4 elements of medical word? (2)
- 6D) **Write down the medical branches** (2)
a) Branch of medicine concerned with the prevention, diagnosis, care, and treatment of musculoskeletal disorders.
b) Branch of medicine that studies blood cells, blood-clotting mechanisms, bone marrow, and lymph nodes
- 6E) **Build medical term for the following:** (2)
a) feeling of dizziness or spinning
b) "lazy-eye" syndrome

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Question Paper

Exam Date & Time: 13-Jan-2023 (02:30 PM - 04:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER B.Sc. PHYSICIAN ASSISTANT DEGREE EXAMINATION - JANUARY 2023
SUBJECT: PHA1121 - FOUNDATION OF PRACTICE FOR PHYSICIAN ASSISTANT
(2022 SCHEME)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1) Peter, a physician assistant working under general surgery department got exposed to a needle stick injury while on his duty. Define needle stick injury. Explain the steps to manage a needle stick injury. List the prevention methods to prevent needle stick injury. (10)
(2+5+3 = 10 marks)
- 2) Define evidence based medicine. List primary tasks involved in practicing evidence based medicine. Explain foreground question. (10)
(2+5+3 = 10 marks)
- 3A) Explain the benefits of taking leadership roles. (5)
- 3B) Explain cognitive errors in decision making. (5)
- 3C) Classify medical errors and explain. (5)
- 3D) Illustrate the procedure of Allen test. (5)
- 4A) Name Any TWO routes of injection. (2)
- 4B) What is centrality of patient? (2)
- 4C) Name Any TWO types of urinary catheter. (2)
- 4D) List the barriers of communication. (2)
- 4E) List Any TWO nontraditional venues in health care. (2)

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