

Anatomy Interview Questions And Answers Guide.



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Anatomy Job Interview Preparation Guide.

Question # 1

Which of the following involves the injection of radioisotopes into the body?

Answer:-

- * a) Radiography
- * b) PET
- * c) CT imaging
- * d) MRI

Answer - b

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Question # 2

Histology is the study for which of the following:

Answer:-

- * a) Cells and membranes
- * b) Skin
- * c) Organs and organ systems
- * d) Tissues

Answer - d

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Question # 3

What is the function of serous membranes?

Answer:-

- * a) To prevent fluid loss from an organ
- * b) To reduce friction between internal organs
- * c) To circulate blood around the organ
- * d) To conserve heat within the organ

Answer - b

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Question # 4

The heart is ____ to the lungs:

Answer:-

- * a) Superior
- * b) Dorsal
- * c) Medial
- * d) Lateral

Answer - c

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Question # 5

The elbow is _____ the wrist:

Answer:-

- * a) Distal
- * b) Lateral
- * c) Ventral
- * d) Proximal

Answer - d

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Question # 6

Which of the following is an example of applied physiology?

Answer:-

- * a) Measuring the length of the femur on a fetus using ultrasound
- * b) Locating an injury to a tendon in the shoulder using CT imaging
- * c) Describing the process of how a toxin interferes with nerve impulse conduction
- * d) Identifying the types of cells found in a biopsy sample of lung tissue

Answer - c

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Question # 7

A vertical plane through the body dividing it into right and left is termed:

Answer:-

- * a) Sagittal
- * b) Lateral
- * c) Transverse
- * d) Frontal

Answer - a

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Question # 8

The sum of all chemical reactions in the body is termed:

Answer:-

- * a) Homeostasis
- * b) Physiology
- * c) Dynamic feedback
- * d) Metabolism

Answer - d

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Question # 9

Which of the following is not a characteristic of life?

Answer:-

- * a) Growth
- * b) Responsiveness
- * c) Reproduction
- * d) Organ systems

Answer - d

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Question # 10

A homeostatic imbalance:

Answer:-

- * a) Must be restored by negative feedback mechanisms
- * b) Is considered the cause of most diseases
- * c) Is when the internal conditions of the body become more stable
- * d) Only occur when positive feedback mechanisms are overwhelmed

Answer - b

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Question # 11

The "basic unit of life" is:

Answer:-

- * a) The atom
- * b) Water
- * c) The cell
- * d) The chemical level of organization

Answer - c

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Question # 12

Which of the following lies fully ipsilateral to the left iliac region?

Answer:-

- * a) Epigastric region
- * b) Left hypochondriac region
- * c) Right inguinal region
- * d) Hypogastric region



Answer - b

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Question # 13

The anatomical position is characterized by all of the following except:

Answer:-

- * a) Palms facing posterior
- * b) Thumbs pointing laterally
- * c) Face pointing anteriorly
- * d) Body standing upright

Answer - a

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Question # 14

The visceral pleura:

Answer:-

- * a) is the membrane lining surface of the lungs
- * b) is the membrane lining the wall of the thoracic cavity
- * c) is the fluid around the lungs
- * d) is the thinnest portion of the peritoneum

Answer - a

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Question # 15

A structure composed of two or more tissues is termed:

Answer:-

- * a) Organ
- * b) Serous membrane
- * c) Complex tissue
- * d) Organ system

Answer - a

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Question # 16

The dimpling of the skin observed in the breast is probably due to:

Answer:-

- * a) Necrotic Breast Tissue
- * b) Shortened Cooper's Ligaments
- * c) Interference with Lymphatic Drainage
- * d) Blocked Lactiferous Duct
- * e) Swollen Glandular Tissue

Answer - b

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Question # 17

The thickened skin in one area of the patients right breast is most likely due:

Answer:-

- * a) Necrotic Breast Tissue
- * b) Swollen Glandular Tissue
- * c) Blocked Lactiferous Duct
- * d) Calcified Fat Lobule
- * e) Interference with Lymphatic Drainage

Answer - e

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Question # 18

The five groups of lymph nodes in the axilla consist of all of the following except:

Answer:-

- * a) Central Group
- * b) Lateral Group and Central Group
- * c) Pectoral Group
- * d) Subscapular Group
- * e) Cervicle Group

Answer - e

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Question # 19



If Elizabeth did fracture one of her carpal bones in the snuffbox of the wrist, there might be a danger of bone necrosis. The artery traveling through the snuffbox and supplying the bones in this area is the:

Answer:-

- * a) Radial Artery
- * b) Ulnar Artery
- * c) Median Artery
- * d) Thenar Artery
- * e) None of the above

Answer- a

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Question # 20

The medial wall of the anatomical snuffbox consists of the tendon from:

Answer:-

- * a) Extensor Pollicis Brevis
- * b) Flexor Pollicis Longus
- * c) Flexor Carpi Radialis
- * d) Extensor Pollicis Longus
- * e) Abductor Pollicis Longus

Answer- d

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Question # 21

Rollerblading to class one morning without her wrist guards on Elizabeth hit a curb and fell onto her outstretched left hand) When she got to school, she noted tenderness in her wrist in the area of her anatomical snuffbox and was concerned she may have fractured one of the bones in her wrist.

The carpal bone forming part of the floor of the anatomical snuffbox, which is most often fractured, is the:

Answer:-

- * a) Triquetral Bone
- * b) Pisiform Bone
- * c) Scaphoid Bone
- * d) Lunate Bone

Answer- c

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Question # 22

On further inspection, he notes an inability to flex the proximal interphalangeal joints of his four medial fingers. He concludes from the information that he has injured his:

Answer:-

- * a) Palmaris Longus Muscle
- * b) Flexor Carpi Radialis Muscle
- * c) Flexor Digitorum Superficialis Muscle
- * d) Flexor Carpi Ulnaris Muscle
- * e) Two of the above

Answer- c

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Question # 23

He then concludes that the following nerve(s) to the muscle(s) must also be intact:

Answer:-

- * a) Musculocutaneous
- * b) Radial
- * c) Ulnar
- * d) Median
- * e) Two of the above, both the Ulnar and Median Nerves must be intact

Answer- e

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Question # 24

A fourth year medical student fell off a ladder while installing a flood light above his garage and put his arm through a garage door window. When he got up from his fall, he realized the glass had deeply cut the anterior aspect of his wrist and so he decided to go to the nearest emergency room. During his trip to the ER, he studied his wrist and began to make an initial diagnosis. Remembering his training, he initially assumed that the cut had affected all of the muscles in his wrist and he proceeded to examine all of them.

Since he was able to flex the distal phalangeal joints of his four medial digits and his thumb, he concluded the following muscles were uninjured?

Answer:-

- * a) Flexor Carpi Radialis
- * b) Palmaris Longus
- * c) Flexor Digitorum Profundus
- * d) Flexor Pollicis Longus
- * e) Two of the above, Both Flexor Digitorum Profundus and Flexor Pollicis Longus

Answer- e



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Question # 25

While rollerblading to school a third year medical student slipped on some wet pavement and crashed into a building. When he got up from his fall, he noticed he could not support his right arm and he had lost feeling on his shoulder. As he slowly made his way to the hospital, he reviewed his knowledge of the shoulder joint. He remembered that the rotator cuff muscles associated with supporting the shoulder joint consist of all of the following except?

Answer:-

- * a) Supraspinatus Muscle
- * b) Deltoid Muscle
- * c) Infrapinatus Muscle
- * d) Teres Minor
- * e) Subscapularis

Answer- b

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Question # 26

Damage to this nerve normally occurs when injury is located at the:

Answer:-

- * a) Lateral Epicondyle of the Humerus
- * b) Anatomical Neck of the Humerus
- * c) Surgical Neck of the Humerus
- * d) Deltoid Tuberosity of the Humerus

Answer- c

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Question # 27

He also should check for specific signs of:

Answer:-

- * a) Claw Hand
- * b) Wrist Drop
- * c) Ape Hand
- * d) Carpal Tunnel Syndrome

Answer- a

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Question # 28

To confirm his diagnosis, the student should check for absence of sensation in which part of his hand:

Answer:-

- * a) Thumb
- * b) Little Finger (pinkie)
- * c) Index finger
- * d) Middle finger

Answer - b

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Question # 29

After studying Gross Anatomy for the National Board Exams, a second year student left Sackler at 1:00am and he was mugged on Harrison Avenue. During the attack, the student held his arm up to protect his head and he was knifed on his forearm. Subsequently, while waiting to be seen in the emergency room at Nemch, the student realized that he could no longer move his thumb)

He immediately concluded that the knife must have directly injured his:

Answer:-

- * a) Median Nerve
- * b) Musculocutaneous Nerve
- * c) Radial Nerve
- * d) Ulnar Nerve
- * e) Axillary Nerve

Answer - d

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Question # 30

Before endotracheal intubation some facts about trachea a nurse has to understand and all the following are true regarding trachea except?

Answer:-

B

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Question # 31

Which of the following indices a nurse has to consider as an indicator of good nutrition?



- a. albumin level 2.5gm/dl
- b. pre albumin level 18mg/dl
- c. transferrin level 244mg/dl
- d. total lymphocytes 1900/microliter

Answer:-

A. Albumin level 2.5gm/dl

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Question # 32

Before endotracheal intubation some facts about trachea a nurse has to understand and all the following and two regarding trachea except?

Answer:-

No Answer is Posted For this Question

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