INI CET May 2025 Anatomy Previous Year Questions with Solutions

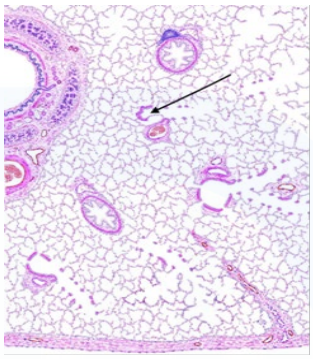
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ANATOMY – INI 2025 May

Anatomy

Question 1
Non-clinical Question:

Identify the labelled structure in the image given below.



Options:

A) Respiratory bronchiole
B) Alveoli
C) Terminal bronchiole
D) Intrapulmonary bronchus

Correct Answer: A) Respiratory bronchiole

Question 2:
Non-clinical Question:

Superficial branch of peroneal nerve supplies which of the following muscles?

1. Peroneus brevis
2. Peroneus longus
3. Peroneus tertius
4. Extensor hallucis longus

Options:

A) 1, 2, 3
B) 1, 2
C) 1, 2, 3, 4
D) 1, 3, 4

Correct answer: B) 1,2

Question 3:
Non-clinical Question:

All of the following are a boundary of Hepato-Cystic triangle EXCEPT?

Options:

A) Cystic duct
B) Cystic artery
C) Common hepatic duct (CHD)
D) Inferior border of liver

Correct answer: B) Cystic artery

Question 4:
Non-clinical question:

During cleft lip surgery, which muscles are mainly repaired?

Options:

A) Levator labii superioris
B) Orbicularis oris
C) Orbicularis oculi
D) Masseter

Correct answer: B) Orbicularis oris

Question 5:

Non-clinical question:

Which of the following nerves is not involved in Olfaction?

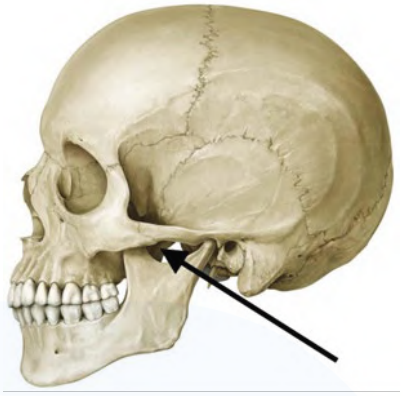
Options:

A) Trigeminal nerve
B) Glossopharyngeal nerve
C) Hypoglossal nerve
D) Vagus nerve

Correct answer: C) Hypoglossal Nerve

Question 6:
Non-clinical question:

Which movement is produced by the muscle attached at the marked point?



Options:

A) Elevation
B) Depression
C) Retraction
D) Rotation

Correct answer: B) Depression

Question 7:
Non-clinical question:

The muscle attaching to the highlighted area performs which of the following function?



Options:

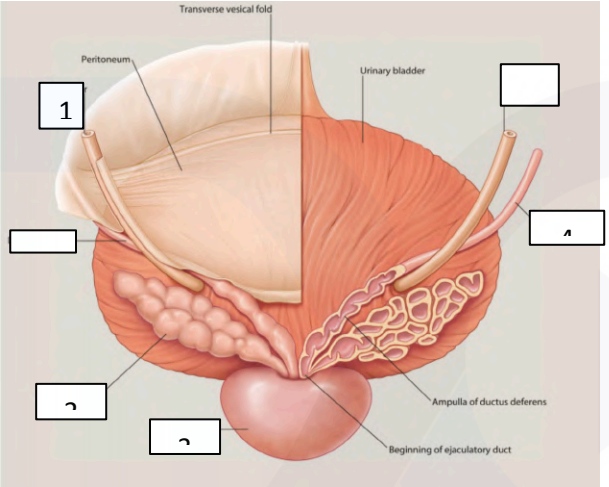
A) Medial rotation of hip
B) Extension at hip
C) Abduction of hip
D) Flexion at knee

Correct answer: C) Abduction of hi

Question 8:
Non-Clinical Question:

Pick the right options from the image below:

A) Vas deferens	1
B) Seminal vesicles	2
C) Ureter	3
D)Prostate	4



Options:

A) A-4, B- 3, C – 2, D-1
B) A-4, B- 2, C – 1, D-3
C) A-2, B- 3, C – 3, D-1
D) A-4, B- 2, C – 1, D-3

Correct answer: D) A-4, B-2, D-1, E-3

Question 9:
Non-clinical question

The deep branch of the ulnar nerve supplies which of the following muscles?

1) Flexor carpi ulnaris
2) 3rd lumbrical
3) Opponens digiti minimi
4) Fourth Dorsal interossei

Options:

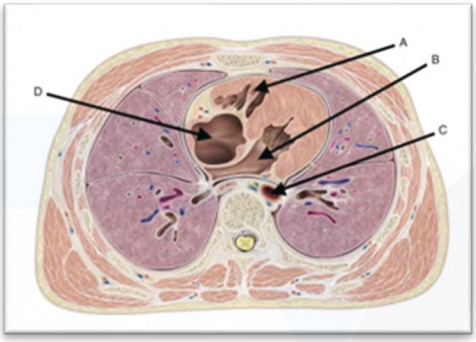
A) 1, 2, 3
B) 2, 3, 4
C) 1, 4
D) 2, 4

Correct answer: b) 2,3,4

Question 10:
Non-clinical question:

Match the marked structures with their appropriate explanatory statements below:

1) Receives oxygenated blood
2) Lies to the right of ascending aorta
3) Undergoes hypertrophy on pulmonary stenosis
4) Arises from the left ventricle



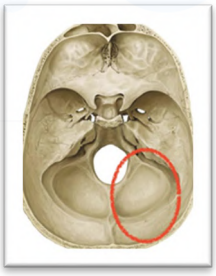
Options:

A) 1 - B, 2 - D, 3 - A, 4 - C
B) 1 - A, 2 - B, 3 - C, 4 - D
C) 1 - D, 2 - C, 3 - B, 4 - A
D) 1 - C, 2 - A, 3 - D, 4 – B

Correct answer: A) 1 - B, 2 - D, 3 - A, 4 - C

Question 11:
Non-clinical question:

Pain from dural irritation in the indicated area is typically referred to which location?



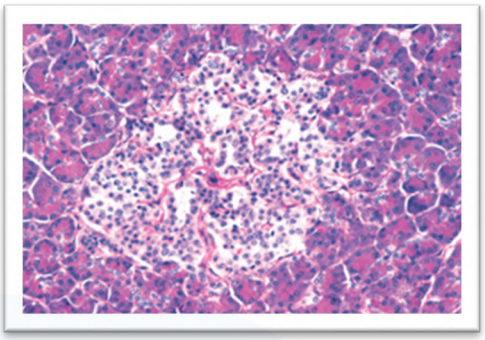
Options:

A) Ear
B) Back of neck
C) Vertex
D) Mouth

Correct answer: B) Back of neck

Question 12
Non-clinical question:

What effect does the depicted cell cluster have on the surrounding cells?



Options:

A) Portal vein
B) Paracrine
C) Transformation from epithelial to mesothelial
D) Nerve mediated

Correct answer: B) Paracrine

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