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## QBank for the NEET PG

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QBank for the NEET PG  
Question 1 of 48  
Calculator  
NOTE

In a histology class, the students are surprised at the architectural marvel of a tissue. They find analogy that similar to buildings, based on a foundation, epithelial cells in the body rest on a platform, which their type formed as basement membrane.

The major component of glycocalyx basement membrane is

A) Laminin  
 B) Hyaluronic acid  
 C) Collagen type IV  
 D) Fibronectin

Correct Answer: C

Category: Anatomy  
Topic: Tissue Histology

All users average for this question: 50%

Explanation  
The correct answer is (C) collagen type IV. Incorrect options for the question are (A) and (D).  
Collagen type IV is the major constituent of lamina densa of glycocalyx basement membrane. Loss of its integrity is

The Explanation

**IndiaQBank**  
Exam Analysis  
QBank for the NEET PG  
Exam 2012-11-29 20:24:36  
Profile 1: Profile 2

**This Test**  
Questions Taken: 48 (out of 1612 available) 2.98%  
Percent Correct: 70% (3 correct, 14 incorrect, 24 omitted)

**Cumulative Analysis**  
Total Questions Taken: 48 (out of 1612 available) 2.98%, and 0 questions missed  
Cumulative Correct: 10%

Disciplines	% correct	incorrect	total questions	
Anatomy	10%	5	16	34
Anesthesiology	0%	0	13	14
Biochemistry and Biophysics				

**All Users Average**  
21%  
10%

**My History**  
Failed State  
2012-11-29 20:24:36

Test Analysis

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## QBank for the FMGE

The case in discussion is a 32 yr old male patient who presented with recurrent respiratory infections, chronic sinusitis and infertility. He was married for the last six years. While performing a chest X ray, it was seen that the apex of the heart was deviated towards the right. An abdominal CT scan showed the location of the spleen in the right upper quadrant.

Defect in the following is responsible for the unusual location of the spleen in this patient:

- a) Dyshes
- b) Astia
- c) Maysen
- d) Kness
- e) Rho knase

Correct Answer: a

Category: Anatomy  
Topic: Right Left Asymmetry And Cellular Mechanisms

All users average for this question: 100%

Explanation  
The patient described here is that of Kartagener syndrome. Many cases are sporadic in occurrence and represent recessive inheritance, but occasional dominant transmission has been reported. Many patients with Kartagener syndrome have complete situs inversus. Mutations in both *Axinin* intermediate chain

The Explanation

QBank for the FMGE  
Taken: 2012-11-26 08:11:47

This Test  
Questions Taken: 5 (out of 671 available) 0.75%  
Percent Correct: 20% (1 correct, 0 incorrect, 4 omitted)

Cumulative Analysis  
Total Questions Taken: 5 (out of 671 available) 0.75%, and 0 questions revised  
Cumulative Correct: 20%

Disciplines	% correct	incorrect	total questions	
Anatomy	20%	1	4	5
Anesthesiology	0%	0	0	0
Biochemistry and Biophysics	0%	0	0	0

All Users Average  
40%  
20%

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Timed Mode  
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## QBank for the JEE MAIN

Case  
Match the properties and their compounds.

Column - I	Column - II
(A) Colourless crystalline compound soluble in $H_2O$ and alcohol. When exposed to light, it decomposes, hence stored in a brown coloured dark bottle.	(p) Blue violet
(B) On thermal decomposition it forms two gases and sediment. With $H_2O_2$ , this compound uses as the Fenton's reagent.	(q) Green violet
(C) It is produced if excess of $K_2$ is added to an acidified solution of this compound.	(r) Lower oxides
(D) This can be prepared by heating $Hg$ with aqua-regia. It is highly soluble in hot water, ether and alcohol.	

The Explanation

QBank for the JEE MAIN  
Taken: 2012-11-04 18:33:45

This Test  
Questions Taken: 7 (out of 699 available) 1.00%  
Percent Correct: 82% (5 correct, 1 incorrect, 0 omitted)

Cumulative Analysis  
Total Questions Taken: 7 (out of 699 available) 1.00%, and 7 questions revised  
Cumulative Correct: 30%

Disciplines	% correct	incorrect	total questions	
Chemistry	82%	6	0	7
Mathematics	0%	0	0	0
Physics	0%	0	0	0

All Users Average  
4%  
20%

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Timed Mode  
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Test Analysis

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