

NEET BODY FLUIDS AND CIRCULATION — DOUBLE CIRCULATION — PYQS

Max. Marks: 32

Questions: 8

Section A (MCQ) — 8 questions

Q.1 A unique vascular connection between the digestive tract and liver is called_____.

[NEET (UG) 2022 (Phase 2)]

- (1) Hepato-cystic system
- (2) Hepato-pancreatic system
- (3) Hepatic portal system
- (4) Renal portal system

Scan or tap for the full solution



Q.2 The hepatic portal vein drains blood to liver from

[NEET 2017]

- (1) stomach (2) kidneys (3) intestine (4) heart.

Scan or tap for the full solution



Q.3 Blood pressure in the pulmonary artery is

[NEET 2016 (Phase 1)]

- (1) more than that in the pulmonary vein
- (2) less than that in the venae cavae
- (3) same as that in the aorta
- (4) more than that in the carotid.

Scan or tap for the full solution



Q.4 Which one of the following animals has two separate circulatory pathways?

[AIPMT 2015]

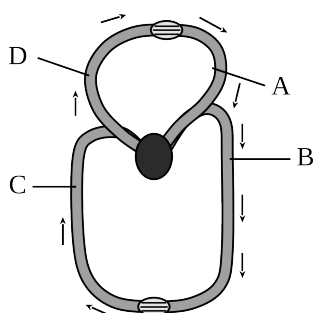
- (1) Whale (2) Shark (3) Frog (4) Lizard

Scan or tap for the full solution



Q.5 The given figure shows schematic plan of blood circulation in humans with labels A to D. Identify the label and give its functions?

[NEET 2013]



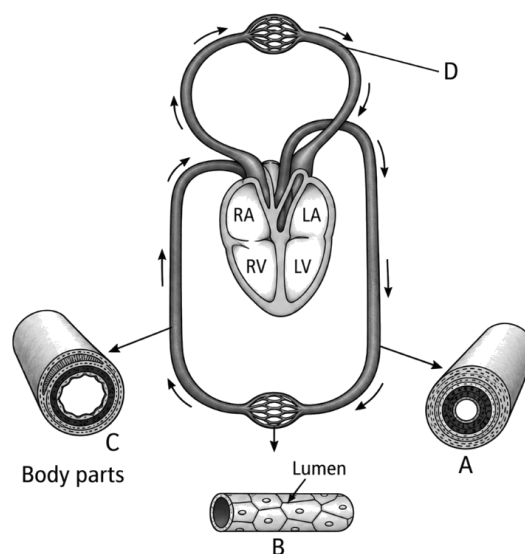
- (1) A - Pulmonary vein - takes impure blood from body parts, $pO_2 = 60$ mm Hg
- (2) B - Pulmonary artery - takes blood from heart to lungs, $pO_2 = 90$ mm Hg
- (3) C - Vena cava - takes blood from body parts to right auricle, $pCO_2 = 45$ mm Hg
- (4) D - Dorsal aorta - takes blood from heart to body parts, $pO_2 = 95$ mm Hg

Scan or tap for the full solution



Q.6 The figure shows blood circulation in humans with labels A to D. Select the option which gives correct identification of label and functions of the part.

[NEET 2013 (Karnataka)]



- (1) A - Artery-Thick walled and blood flows evenly
- (2) C - Vein-Thin walled and blood flows in jerks/spurts
- (3) D - Pulmonary vein-Takes oxygenated blood to heart, $pO_2 = 95$ mmHg
- (4) B - Capillary-Thin without muscle layer and wall two cell layers thick

Scan or tap for the full solution



Q.7 Arteries are best defined as the vessels which

[AIPMT 2011 (Prelims)]

- (1) supply oxygenated blood to the different organs
- (2) carry blood away from the heart to different organs
- (3) break up into capillaries which reunite to form a vein
- (4) carry blood from one visceral organ to another visceral organ.

Scan or tap for the
full solution



Q.8 Systemic heart refers to [AIPMT 2003]

- (1) the heart that contracts under stimulation from nervous system
- (2) left auricle and left ventricle in higher vertebrates
- (3) entire heart in lower vertebrates
- (4) the two ventricles together in humans.

Scan or tap for the
full solution



ANSWER KEY

Ques.	1	2	3	4	5	6	7	8			
Ans.	3	3	1	1	3	3	2	3			