

Udaan 2025
Biology
Life Processes

DHA: 7

Q 1 Normal blood pressure (systolic/diastolic) is

- (A) 120/80 mm of Hg
(B) 160/80 mm of Hg
(C) 120/60 mm of Hg
(D) 180/80 mm of Hg

Q 2 A blood vessel which pumps the blood from the heart to the entire body.

- (A) Aorta (B) Pulmonary vein
(C) Vena cava (D) Hemoglobin

Q 3 Name a circulatory fluid in the human body other than blood? **Important question**

- (A) Platelets (B) RBC
(C) Lymph (D) Plasma

Q 4 During contraction of heart, what prevents back flow of blood?

- (A) Thin wall of atria
(B) Thick muscular walls of ventricles
(C) Valves in heart
(D) All of the above

Q 5 Which device is used for measuring blood pressure?

- (A) Sphygmomanometer
(B) Barometer
(C) Thermometer
(D) Stethoscope

Q 6 In which of the following group/groups of animals, heart is 4 chambered:

- (A) Mammals only (B) Birds only
(C) Amphibians and reptiles (D) Mammals and Aves (Birds)

Q 7 Lymph is _____ Fluid.

- (A) Red (B) Pink
(C) Colourless (D) Green

Q 8 Which statement is true regarding lymph?

- (A) Plasma is present
(B) Red blood cells are present
(C) White blood cells are present
(D) Both A and C

Q 9 Which group of animals can maintain their body temperature?

- (A) Mammals only (B) Birds only
(C) Amphibians and reptiles (D) Mammals and Aves (Birds)

Q 10 In which group of organism, the mechanism of single circulation can be observed?

- (A) Mammals (B) Birds
(C) Amphibians and reptiles (D) Pisces

Answer Key

Q1 A
Q2 A
Q3 C
Q4 C
Q5 A

Q6 D
Q7 C
Q8 D
Q9 D
Q10 D



Hints & Solutions

Q 1 Text Solution:

120/80 mm of Hg

Video Solution:



Q 2 Text Solution:

It is an artery.

Video Solution:



Q 3 Text Solution:

It is colourless fluid.

Video Solution:



Q 4 Text Solution:

These structures open and closes rhythmically.

Video Solution:



Q 5 Text Solution:

Sphygmomanometer

Video Solution:



Q 6 Text Solution:

Warm blooded animals show 4 chambered heart.

Video Solution:



Q 7 Text Solution:

Colourless

Video Solution:



Q 8 Video Solution:



Q 9 Text Solution:

Warm blooded animals.

Video Solution:



Q 10 Text Solution:

Single circulation is observed in animals with 2 chambered heart.

Video Solution:



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