

Chapter – 15 | Body Fluids and Circulation**QUIZ
PART-04**

1. How many main types of circulation are mentioned?
A. One
B. Two
C. Three
D. Four (B)

Explanation : Circulation is mainly of two types: open circulation and closed circulation.

2. Open circulatory system is found in:
A. Birds and mammals
B. Arthropods and molluscs
C. Fishes and amphibians
D. Annelids and vertebrates (B)

Explanation : Open circulation is present in arthropods and molluscs.

3. In closed circulation, blood flows through:
A. Body cavity only
B. Air sacs
C. Blood vessels
D. Digestive tract (C)

Explanation : In closed circulation, blood flows through interconnected blood vessels.

4. Closed circulatory system is present in:
A. Annelids and vertebrates
B. Molluscs only
C. Arthropods only
D. Sponges only (A)

Explanation : Closed circulation occurs in annelids and vertebrates.

5. A two-chambered heart is found in:
A. Fishes
B. Birds
C. Mammals
D. Crocodiles (A)

Explanation : Fishes have a two-chambered heart with one atrium and one ventricle.

6. Single circulation is seen in:
A. Amphibians
B. Reptiles
C. Fishes
D. Mammals (C)

Explanation : In fishes, blood passes through the heart only once in one complete circulation.

7. A three-chambered heart has:
A. One atrium and two ventricles
B. Two atria and one ventricle
C. Two atria and two ventricles
D. One atrium and one ventricle (B)

Explanation : Amphibians and most reptiles have two atria and one ventricle.

8. Incomplete double circulation is found in:
A. Birds
B. Mammals
C. Amphibians and most reptiles
D. Crocodiles only (C)

Explanation : Amphibians and reptiles except crocodiles show incomplete double circulation due to mixing of blood in the ventricle.

9. A four-chambered heart is found in:
A. Birds and mammals
B. Fishes only
C. Arthropods
D. Molluscs (A)

Explanation : Birds and mammals have two atria and two ventricles.

10. Crocodiles show:
A. Single circulation
B. Open circulation
C. Full double circulation
D. No circulation (C)

Explanation : Crocodiles have a four-chambered heart and show full double circulation.