

**Chapter  
02****Body fluids and circulation****Practice Section-01**

- Q.1** Which formed element of blood involved in inflammatory reaction ?  
(1) Eosinophil (2) Erythrocyte (3) Basophil (4) Megakaryocyte
- Q.2** Which smallest plasma protein maintain the blood colloidal osmotic pressure and help in osmotic balance ?  
(1) Globulin (2) Albumin (3) Fibrinogen (4) Both (1) and (2)
- Q.3** Number of RBC in per cubic mm of blood is called :  
(1) RBC number (2) RBC ratio (3) RBC count (4) RBC amount
- Q.4** In coagulation of blood, cascade process is required to form :-  
(1) Prothrombin (2) Fibrinogen (3) Fibrin (4) Thrombokinase
- Q.5** The most abundant cell present in blood are :  
(1) RBC (2) Lymphocyte (3) Monocyte (4) Platelet
- Q.6** Globulin protein of blood plasma mainly involved in the :  
(1) Clotting (2) Osmotic balance (3) Defence mechanism (4) None
- Q.7** Smallest blood corpuscles are :  
(1) RBC (2) WBC (3) Platelets (4) Basophils
- Q.8** A reduction in platelets number causes :  
(1) Clotting disorder (2) Immuno disorder (3) Digestive disorder (4) Respiratory disorder



## Practice Section-02



**Q.1** Normal activities of the heart are :

- (1) Regulated extrinsically
- (2) Auto regulated
- (3) regulated by specialised nodal tissues
- (4) All are correct

**Q.2** If heart receive parasympathetic neural signals, It will:-

- (1) Increase the rate of heart beat
- (2) Increase the speed of conduction of action potential
- (3) decrease the cardiac output
- (4) Increase strength of ventricular contraction

**Q.3** Which of the following disorder of circulatory system affects the vessels that supply blood to the heart muscle?

- (1) Hypertension
- (2) Heart failure
- (3) Coronary artery disease
- (4) Cardiac arrhythmia

**Q.4** Narrow lumen of arteries with deposition of calcium, fat & cholesterol is significant with which disorder:

- (1) High blood pressure
- (2) Atherosclerosis
- (3) Heart attack
- (4) Congestive heart failure

**Q.5** If parasympathetic nerve of the Human is cut then heart beat will:

- (1) Unaffected
- (2) Decreases
- (3) Increases
- (4) Stop

**Q.6** Systemic heart refers to:

- (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

**Q.7** Hepatic portal system connects:

- (1) Digestive system to liver
- (2) Kidney to liver
- (3) Liver to heart
- (4) Liver to kidney

**Q.8** Which one indicates the hypertension?

- (1) 90/60 mm of Hg
- (2) 120/85 mm of Hg
- (3) 110/70 mm of Hg
- (4) 140/100 mm of Hg

## ANSWER KEY

### PRACTICE SECTION-01

| Que. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |  |
|------|---|---|---|---|---|---|---|---|--|
| Ans: | 3 | 2 | 3 | 3 | 1 | 2 | 3 | 1 |  |

### PRACTICE SECTION-02

| Que. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |  |
|------|---|---|---|---|---|---|---|---|--|
| Ans: | 4 | 3 | 3 | 2 | 3 | 2 | 1 | 4 |  |

