**The City School**

 **North Nazimabad Boys Campus**

**Biology**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: 9\_**

**Q1. Match the following arteries with the organs in which they supply blood & write the correct answer in Column ‘C’.**

|  |  |  |
| --- | --- | --- |
| **Column A – Artery** | **Column B - Organs** | **Column C** |
| i) Pulmonary | a. Head and arms |  |
| ii) Renal  | b. Lungs |  |
| iii) Hepatic | c. Legs |  |
| iv) Carotid | d. Kidney |  |
| v) Sciatic | e. Liver |  |

Q**.2. Choose the best answers:**

|  |  |
| --- | --- |
| **Which of the following statements is true concerning human blood?** |  |
|  |  |  |
|  |  |  |
|  |  | **a)** | **The blood of all normal humans contains red and white cells, platelets, and plasma.** |
|  |  | **b)** | **Some human populations normally lack the ability to produce plasma.** |
|  |  | **c)** | **Proteins are not normal components of human blood.** |
| **Erythrocyte is another name for a:** |  |
|  |  |  |
|  |  |  |
|  | **a)** | **red cell** |
|  | **b)** | **white cell** |
|  | **c)** | **platelet** |
|  |  |  |
|  |  |  |
|  | **Which of the following blood components provide the major defense for our bodies against invading bacteria and viruses?** |  |
|  |  |  |  |
|  |  |  |  |
|  | **a)** | **red cells** |  |
|  | **b)** | **white cells** |  |
|  | **c)** | **platelets** |  |
|  |  |  |  |
|  |  |  |  |
|  | **The relatively clear liquid medium which carries the other cells of blood is called:** |  |
|  |  |  |  |
|  |  |  |  |
|  | **a)** | **lipid** |  |
|  | **b)** | **antibody** |  |
|  | **c)** | **plasma** |  |
|  |  |  |  |
|  |  |  |  |
|  | **Which of the following are likely to increase in quantities when the body is under attack from bacteria?** |  |
|  |  |  |  |
|  |  |  |  |
|  | **a)** | **erythrocytes** |  |
|  | **b)** | **leukocytes** |  |
|  | **c)** | **thrombocytes** |  |
|  |  |  |  |
|  |  |  |  |
|  | **When blood clumps or forms visible islands in the still liquid plasma, it is called:** |  |
|  |  |  |  |
|  |  |  |  |
|  | **a)** | **clotting** |  |
|  | **b)** | **agglutination** |  |
|  | **c)** | **none of the above** |  |
|  |  |  |  |
|  |  |  |  |
|  | **Antigens are:** |  |
|  |  |  |  |
|  |  |  |  |
|  | **a)** | **found on the surface of red cells** |  |
|  | **b)** | **kinds of red cells that identify a blood type** |  |
|  | **c)** | **relatively large carbohydrate molecules** |  |
|  | **d)** | **a and b** |  |
|  |  |  |  |
|  |  |  |  |
|  | **Which of the following statements is true of antigen-antibody interactions?** |  |
|  |  |  |  |
|  |  |  |  |
|  | **a)** | **They are used by our bodies only to identify blood types.** |  |
|  | **b)** | **They are used to identify and reject microorganisms, such as virusesand bacteria, that invade our bodies.** |  |
|  | **c)** | **They are the way our blood clots when we are bleeding from an open wound.** |  |
|  | **d)** | **b and c** |  |
|  |  |  |  |
|  |  |  |  |
|  | **Most of the volume of normal human blood is composed of:** |  |
|  |  |  |  |
|  |  |  |  |
|  | **a)** | **red cells** |  |
|  | **b)** | **hemoglobin** |  |
|  | **c)** | **plasma** |  |
|  | **d)** | **white cells** |  |
|  |  |  |  |
|  |  |  |  |