

**Girls' High School and College, Prayagraj**

**Session 2020-21**

**Class 10 (A,B,C,D,E,F)**

**Subject - Biology**

**Assignment 3**

**INSTRUCTIONS-**The parents to ensure that their ward watches the video instructions for this assignment by clicking on the given link :<https://youtu.be/AZRnKxNADAM>

<https://youtu.be/M0GwunDbx4M>

<https://youtu.be/YZZHOVRqJkM>

She should revise the lesson given in the book and then work on the assignment. The completed assignment is to be downloaded and filed/ pasted in the subject file/ copy and kept ready for submission. The day, date and procedure of submission shall be notified later

### **Chapter - Circulatory system**

**Answer the following questions**

**Q1. Explain the following terms**

- (i) Phagocytosis
- (ii) Diapedesis

**Q2. Differentiate between members of each of the following pairs with reference to the aspect asked within brackets**

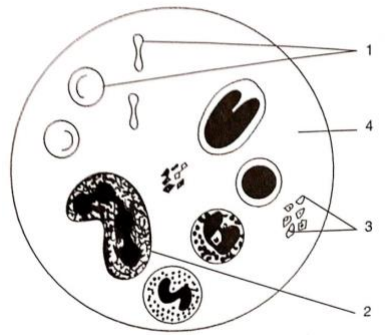
- (i) Erythrocytes and Leucocytes (lifespan)
- (ii) Artery and vein(direction of blood flow)

**Q3. Give the location and function of**

- (i) Pericardial fluid
- (ii) Bicuspid valve

**Q4. How does clotting of blood occur?**

**Q5. Given here is a diagram of human blood smear. Study the diagram and answer the questions that follow:**



- (i) Name the parts 1,2,3 and 4 indicated by guidelines.
- (ii) Component number 1 does not have certain organelles but are very efficient in their function. Explain.
- (iii) Give two functions of part numbered 2.

Please refer to the exercises given in your Biology book Srijan ICSE Biology, Class 10 by Veer Bala Rastogi and complete the following :-

Pg120, Exercise A ( Question no. 1,2 and 3 ) , complete this in your book.

Pg122, Exercise E ( Question 4 and 5 ) , complete this in your Biology notebook/register.

#### Chapter- Structure of chromosome

Pg22, Exercise A ( Question 1,2 and 3 ), complete this in your Biology book.

Pg22, Exercise C (Question 1 and 2 ) and Pg23, Exercise E ( Question 1) in your Biology notebook/register .

End.