

Name: _____	Subject: Biology	Class: 9 <sup>th</sup>	Time: 60 minutes	Total Marks:	<b>30</b>
Chapter No.	MJDexpert.com			Obtained marks	

## Objective Section

**Q.1** Encircle the correct answer. (10x1=10)

- In most plants, food is transported in the form of:  
A) Glucose B) Sucrose C) Starch D) Proteins
- Which of these tissue layers is found in all blood vessels?  
A) Smooth Muscle B) Endothelium C) Skeletal Muscle D) Connective Tissue
- The normal pH of blood is:  
A) 7.3 B) 7.4 C) 7.5 D) 7.6
- The death of heart tissues is called:  
A) Atherosclerosis B) Arteriosclerosis C) Myocardial Infarction D) Thalassemia
- A single layer of cells surrounding the pericycle is called:  
A) Cortex B) Endodermis C) Xylem D) Phloem
- The plasma protein which maintains the water balance of blood is:  
A) Fibrinogen B) Albumin C) Antibodies D) Fibrin
- The weight of a normal adult human heart is:  
A) 200-250 g B) 150-200 g C) 250-350 g D) 100-200 g
- The volume of blood in an adult person is about:  
A) 4 liters B) 3 liters C) 6 liters D) 5 liters
- World Heart Day is celebrated on:  
A) 27th May B) 28th September C) 8th May D) 8th July
- Which of the following chambers has the thickest walls in the human heart?  
A) Left ventricle B) Right ventricle C) Left atrium D) Right atrium

## Subjective Section

**Q.No.2** Write short answers to any six of the following parts. (6x2=12)

- What are lenticels and where are they found in the plant body?
- What is Thalassemia? Give its treatment.
- Transpiration can be a harmful process. How?
- How do guard cells control the opening and closing of stomata?
- Why is the human heart called a double pump?
- What is angina pectoris?
- Define cohesion-tension theory.
- What is transpiration pull? Give reasons for its creation.

**Q.No.3** Attempt any TWO parts. (4+4=8)

- Define the term transpiration and describe the factors affecting the rate of transpiration.
- State the causes, symptoms, and treatment of myocardial infarction.
- Describe the theory of pressure flow mechanism to explain the translocation of food in plants.