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1ST YEAR REVISION & TEST SESSION

NAME:			ROLL NO:		TIME:	50: MIN
SUB:	Biology	Date:			CLASS:	1st Year
SYLLABUS	Chp. 11 (Human Circulatory System)		T. MARKS	30	OBT. M	

Q. 1 Choose the Correct Answer. Cutting, Erasing, Double Selection is Strictly Prohibited. (1x6=6)

1. **By beating at speeds, our heart pumps how blood per minute:**
   (A) 2 Litres (B) 3 Litres
   (C) 5 Litres (D) 8 Litres
2. **Systolic pressure in young man is:**
   (A) 60 mm of Hg (B) 80 mm of Hg
   (C) 100 mm of Hg (D) 120 mm Hg
3. **Which type of blood vessels responsible for vasoconstriction and vasodilation:**
   (A) Arteries (B) Veins
   (C) Capillaries (D) Arterioles
4. **What is the term for a blood clot that forms within a blood vessel?**
   (A) Embolus (B) Thrombus
   (C) Atherosclerosis (D) Arteriosclerosis
5. **Which surgical procedure involved by passing blocked coronary arteries:**
   (A) Angioplasty (B) Open-heart surgery
   (C) Coronary bypass surgery (D) Heart transplant
6. **Which lifestyle change can help protect against hypertension and cardiac problems:**
   (A) Smoking (B) Regular exercise
   (C) High-sodium diet (D) Sedentary lifestyle

PART-I

Q. 2 Write Short Answers of the Following Questions (2x8=16)

i. Trace the flow of blood through the heart as regulated by the valves
ii. Describe the detailed structure of arteries, veins, and capillaries.
iii. Define thrombus and differentiate between thrombus and embolus
iv. State the congenital heart problem related to the malfunctioning of cardiac valves.
v. List the principles and uses of Electrocardiogram.
vi. Enlist the four valves present in heart and also state their locations.
vii. Define blood pressure and write normal blood pressure of human.
viii. What is Atherosclerosis?

PART-II

Write Answers of the Following Questions in Detail.

Q. 3 (a) Describe the flow of blood through heart as regulated by the valves. 4
(b) Define blood pressure and explain systolic and diastolic pressure. 4

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Answer Key							
1	C	**2**	D	**3**	D	**4**	B
5	C	**6**	B				