

# **Assignment for Viva**

**Course Title: Human Physiology II**

**Rad 2<sup>nd</sup> semester section A**

**Instructor: Dr. M .Shahzeb khan (PT)**

**Marks: 100**

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**Note:**

**VIVA MARKS WILL BE GIVEN ON BASIS OF THIS  
ASSIGNMENT**

**Q1:** (A) What is blood pressure? Explain systolic, diastolic, Normal and Abnormal Blood pressure

(B) How will you measure Blood pressure?

ALL THE STUDENTS ARE REQUESTED TO UPLOAD YOUR  
ASSINGMENT BEFORE FINAL SATURDAY.

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**Roll No: 15985**

**Assignment: Human Physiology**

**Program: BS RADIOLOGY 2<sup>nd</sup> semester**

 **STARTING THE NAME OF ALLAH**

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**Q No1: (A). BLOOD PRESSURE:**

**Ans:** Blood pressure is the force that move blood through out the circulatory system. Blood pressure is vital because it delivered white blood cell and antibodies for imunity.

**SYSTOLIC BLOOD PRESSURE.** The pressure exerted by your blood flowing through your artery is not constant but us dynamic, and is constantly reflect what the heart doing at a given movement.

**BLOOD PRESSURE.** The pressure exerted by your blood flowing through your artery is

not constant but is dynamic, and it constantly reflects what the heart is doing at a given moment.

**DIASTOLIC BLOOD PRESSURE.** This is the lower number, which shows the pressure that the blood exerts on the artery wall when the heart rests between beats.

**NORMAL BLOOD PRESSURE.** A blood pressure reading has a top number (systolic) and a bottom number (diastolic).

**ABNORMAL BLOOD PRESSURE.** is less than 120 over 80 (120/80)

Abnormal blood pressure. When your systolic pressure is between 120 and 129 mm Hg and your diastolic pressure is less than 80 mm Hg, it means you have elevated blood pressure.

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Q No1: (B)

Ans: The blood pressure is measure with an instrument called sphygmomanometer . First a cuff is placed on a patient arm and inflated with a pump until the circulation is cut off. A Small value slowly deflate the cuff.and the doctor measuring uses a stethoscope placed over patient arm to listen for the sound pulsing through the arerise. That first sound of rushing blood refers to the systolic blood pressure; once the sound fades, the second number indicates the diastolic pressure, the blood pressure of your heart at rest.



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