

# 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

**Q1:** (B)

(B) How will you measure Blood pressure?

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

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**Name.... Tahsin Kamal**

**ID...16131**

**Section....A**

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

**Ans.... ) . blood pressure.**

**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.**

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**1) 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.**

**2) Diastolic blood pressure.**

**This is the lower number.which show the pressure that the blood to the artery wall when the heart reset between beat.**

**3) Normal blood pressure.**

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**A blood pressure reading has a top number(systolic) and bottom number (diastolic). Normal blood pressure is less than 120 over 80 (120/80)**

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**4) Abnormal blood pressure.**

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**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.**

**Q1(B)... How will you measure Blood pressure?**

**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.**

**THE END.**

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