

Assignment for Viva

Course Title: Human Physiology II

Rad 2nd semester section A

Instructor: Dr. M .Shahzeb khan (PT)

Marks: 100

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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Semester 2nd

Section A

Department B.S Radiology

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QNO (1)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 cells and antibodies for immunity.

Systolic blood pressure

The pressure exerted by your blood flowing through your artery is not constant but is dynamic, and is constantly reflecting 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 bottom number (diastolic). Normal 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.

QNo (1)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 lesten for the sound pulsing through the arerise.that first sound of rushing blood refer 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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