



Question # 1: Complete (5 Marks)

- 1-..... is an instrumental examination able to give information regarding functionality of the peripheral and
- 2-The uses surface electrodes for the recording system, the stimulation system and the earth.
- 3- Known are applied to the nerve, which activate the sensitive fibres or the muscle fibres, recalling that travel along the nerve and that will be recorded by electrodes positioned at a certain distance.
- 4- The calculates the neurophysiological parameters of these potentials, represented by theand and
- 5- Muscle Waves areand.....and.....
- 6- The expressed in m/s, in normal adult subjects, vary from a minimum of to a maximum of..... depending on the nerve examined.
- 7- The increases when moving from the peripheral receptors to the and is faster in the upper limbs than the lower ones and also increases with the age of the patient.
- 8- The CS is given from the formula:.....
- 9- Some metabolic problems can damage.....and.....
- 10- MUP Stand for.....

Question # 2: List (5 Marks)

-List the Cerebral Cortex Lobes and its Functions?

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-List and Explain and draw The Main EEG Waves ?

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1- List the Types of EEG Recording?

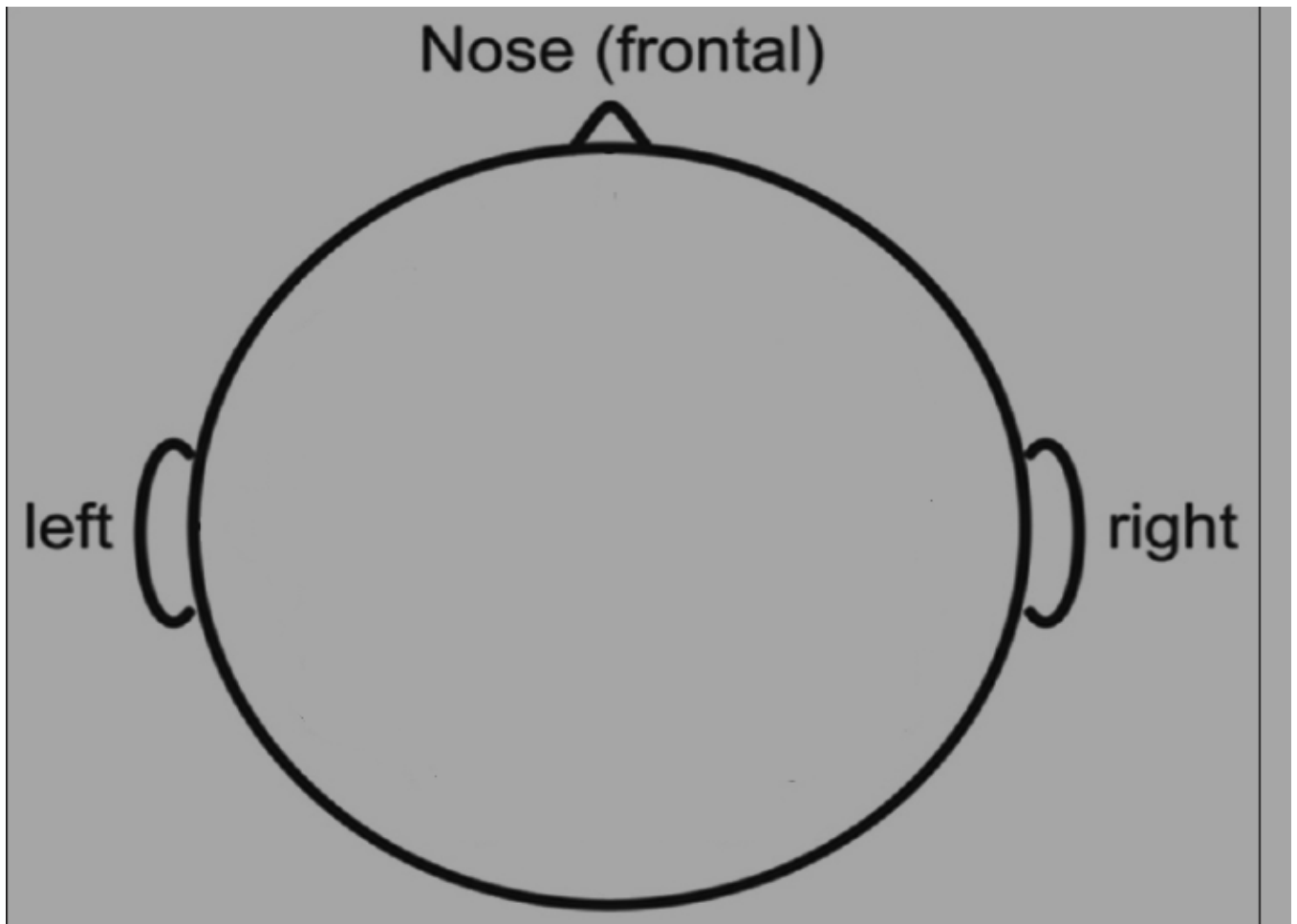
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Question # 3: Drawing (5 Marks)

-For Figure below if Adult Patient have the distance between **inion** and **nasion** **34 cm** by using **10%-20% System** answer the Following?

- 1- Calculates the Distance between the Electrodes?
- 2-Write how we can place the EEG Electrodes (Letters and even and odd Numbers) on scalp?

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تمنياتكم بالتوفيق