Family name: ……………………………………………. Student ID (Matrikelnummer): ………………………………..

Please use an empty sheet of paper (or the printed questions) to write down your name and your answers (also write the number of question). Adjust your camera so that you can be seen when writing. This is not an open-book exam, it is not allowed to use any notes, texts or other resource materials.

You have 30 minutes for the answers, then please take a photo or scan your answers and upload them to TUWEL or send via Email to paul.panek@tuwien.ac.at. Stay connected until confirmation that your answers are readable.

S1: 19-17	**U2: 16,5-14,5**	**B3: 14-12**	**G4: 11,5-10**	**N5: 9,5-0**

Please only give SHORT answers especially if no description is requested, it's not the length that counts!

1. List **human sensor systems** (senses) and compare their characteristic properties   (3 Pt.)

   a) ……

   ……

   b) ……

   ……

   c) ……

   ……

2. How are **Disability-Handicap-Impairment** defined?   (1.5 Pt.)

   a) ……

   b) ……

   c) ……

3. Which **impairment** you can derive from this **audiogram?**
   („**x**" = air conduction, „ **]**" = bone conduction) Explain your diagnosis.   (2 Pt.)
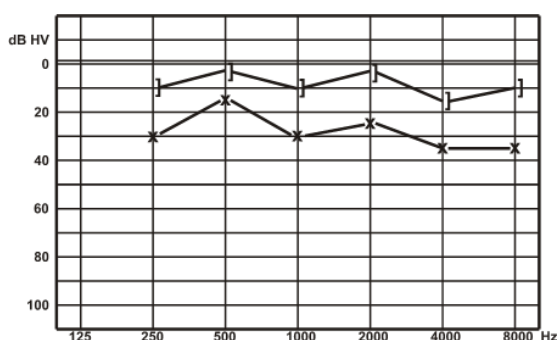
   Type of hearing loss:

   Explanation:

4. Describe the difference between **language impairment** and **speech impairment**!   (2 Pt.)

   a) ……

   b) ……

5. List some usual **effects of age on human performance/abilities**   (2 Pt.)

   a) ....

   b) ....

   c) ....

   d) ....

6. Which **aids for using money** do you know <u>for blind persons</u>? List two of them!   (2 Pt.)

   a) ....

   b) ....

7. The technical requirements on **Speech output** are different for blind persons (as users) vs. speech impaired persons (as users). Which **requirements** exist and why?   (2 Pt.)

   a) Requirements for blind people:

   ....

   ....

   b) Requirements for speech impaired people:

   ....

   ....

8. How is a **Syndrome** defined? (1 Pt.)

   a) ....

   b) ....

9. Which problems can interfaces of technical devices cause for persons with **Epilepsy**? (2 Pt.)

   Problem: ....

   Problematic range ca.: ....

10. List the 3 (main) **goals of Rehabilitation Engineering**   (1.5 Pt.)

   1: ....

   2: ....

   3: ....

11. Which important <u>changes</u> did the **ICF** implement over **ICIDH**?   (1 Pt.)

   ....

   ....