

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 to TUWEL or send them via Email to [paul.panek@tuwien.ac.at](mailto:paul.panek@tuwien.ac.at). Stay connected until confirmation that it is 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. What is proposed by the "People First" language/principle? Give 2 **examples!** (2 Pt.)

Proposed: .....

Example 1: .....

Example 2: .....

1. How and where are **vowels / consonants** created when speaking (**difference**) (1 Pt.)

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2. a) **Describe and/or sketch** the dot (**Braille**) **script** (system, characters, dimensions) (1 Pt.)

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b) **List advantages** each of dot (Braille) script and relief (Moon) script (1 Pt.)

Advantage Braille: .....

Advantage Moon: .....

3. What are important differences **of tactile sense** and **visual sense**? (1 Pt.)

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4. Cell phones, smartphones and tablets have opened up many new opportunities for people with disabilities. **Select 3 types of disability and give an example** of a particular functionality of a modern device or app and explain how it helps in the **telecommunications** field. (3 Pt.)

A).....

B).....

C).....

5. Mark the important **elements conveying meaning** for visual communication (X). (2 Pt.)

|                             | Visemes | Phonemes | Characters | Words |
|-----------------------------|---------|----------|------------|-------|
| Lip reading                 |         |          |            |       |
| Finger alphabet             |         |          |            |       |
| Cued Speech                 |         |          |            |       |
| Manually Coded Language/LBG |         |          |            |       |

6. Which **body parts** are involved in **voice formation** (phonation)? (Name at least 3 body parts) (1,5 Pt.)

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7. What are main reasons **why Braille is now used by fewer blind persons?** (1 Pt.)

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8. What are 2 important differences of **tactile sense** and **visual sense?** (1 Pt.)

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9. What is the **Lormen** or **Lorm Alphabet** used for? Describe the method. (1,5 Pt.)

Usage: .....

Method: .....

10. (Vinyl) records were previously used as media for **audiobooks** (or “**talking books**”). What more modern media are there today? What are the advantages? (1 Pt.)

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11. What is the function of a **Screenreader** and **for which users?** (1 Pt.)

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12. Describe two ways (**devices, procedures** etc.) to put Braille on paper? (1 Pt.)

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