**Aseɣti n ukayad asmeskel amsislan, amesḍis amezwar**

1. Tiririt ɣef useqsi amezwar (8/8)

Tamsertit: d tazrert i d-yettilin gar snat n tergalin yemseḍfaren. Agmuḍ n tezrert-nni yezmer ad yili d ummid neɣ d arummid.

* 1. **Tamsertit tummidt**

 - Tanesdat (0,5q), MD : ldi→[lli], ad d-tawi→[a ddawi] (0,5q);

* Tanedfirt (0,5q), MD: nker, enɣ→[kker, eɣɣ] (0,5q);
* Tamyaɣt (0,5q), MD : tasemmaḍt, tasebbaḍt→[tasemmaṭ, tasebbaṭ] (0,5q);
	1. **Tamsertit tarummidt**
* Antaḍ n tuffayt : (0,5q), MD: antaḍ→anṭaḍ, ezḍ→eẓḍ, amessaḍ→ameṣṣaḍ(0,5q);
* Antaḍ n taɣrit (timeɣrit): (0,5q), MD:**s**dat→**z**dat, a**t**bir→a**d**bir(0,5q);
* Antaḍ n tsusmi (tasusamt): (0,5q), MD:tabre**z**t→tabre**s**t, tawra**ɣ**t→tawra**x**t(0,5q);
* Tamsertit s wadeg n ususru : (0,5q), MD: a**m**elmad→a**n**elmad, tame**m**t→tame**n**t(0,5q);
* Tukksa n tnezrit : (0,5q), MD h**m**ej→h**b**ej(0,5q).
1. **Tasleḍt n uḍris** (12/12)

Tamawt : y→i : tamsislit tasusrant, d antag seg yizegniɣri (y) ɣer teɣri (i) →(01q)

* win→wan: d tamsislit tasusrant (mačči tuddsant), timlellit (mačči timlilit) n teɣri (mačči n teɣra)→(01q)
* yenɣen→iɣɣ : tamsislit tuddsant, tamsertit tummidt tanedfirt (n+ɣ=ɣɣ) →(01q)
* a s-→d’as- : tamsislit tuddsant, timlilit n teɣra (mačči n teɣri) : a(d) : tazelɣa n wurmir+as : amqim awsil, asemmad arusrid →(01q)
* fkeɣ→kfeɣ : tamsislit (mačči tamsertit) tuddsant, tuttya (fk→kf)
* ibelyan→ iḇəɫyan : tamsislit tasusrant, abeddel n ugama n ususru : l→ɫ→(01q)
* t-id-ineɣ→d-it-iɣɣ : tamsislit tasusrant, aɣelluy n tuglant /t/ : t→h→ø→(01q)
* yečč-it→ičč-at: tamsislit tasusrant, timlellit n teɣri (i→a) →(01q)
* yeppi→iwwi : tamsislit tasusrant, tussda n yizegniɣri /w/ : ww→pp→(01q)
* ţţ → tt: tamsislit tasusrant, abeddel n ugama n ususru (aḥerfi/azegnaggaɣ: [tt]→ [ţţ] →(01q)
* ţţ→yatt: tamsislit tuddsant, timlilit n teɣra, timerna n yizegniɣri /y/: iww**i**-y**a**tt→(01q)
* nniḍen→nniṭen : tamsislit tasusrant, abeddel n ugama n ususru n tuglant tuffayt : ḍ→ṭ→(01q)

**Lal n ulmud : Massa AISSOU**