

- g. Lack of ideas
 - h. Time management
 - i. Being creative and critical.
2. Learners' efforts to overcome the challenges in participating in online asynchronous discussion during CALL 2 Course
- a. Not seeing the need for online discussion:
 - 1) Engaging themselves by learning more
 - 2) Trying contributing
 - 3) Trying positive thinking
 - b. Behavior or practice of instructor or participants:
 - 1) Thinking positive
 - 2) Asking-giving comments with peers
 - 3) Making good quality posting.
 - c. Personality traits:
 - 1) Trying to always participate or motivating themselves
 - 2) Finding external motivation from peers and sources.
 - d. Difficulty in keeping up with the discussion:
 - 1) Seeing, reading and commenting the newest, the most interesting, and the most related with their posting
 - 2) Opening online discussion forum regularly
 - 3) Skimming the postings
 - e. Not knowing what to contribute/ lack of worthwhile comments to contribute:

- 1) Asking friends or commenting without posting
 - 2) Reading or studying references before posting
 - 3) Reading peers' comments to build ideas
 - 4) Trying to contribute as they could
- f. Exhibiting surface-level/ lower order critical thinking:
- 1) Reading references
 - 2) Trying as they could
 - 3) Reading others' postings or giving agree-disagree comments without contributing
 - 4) Asking friends to help
- g. Displaying low-level knowledge construction:
- 1) Reading references
 - 2) Trying to participate or only responding more postings
 - 3) Asking friends
- h. Technical aspects:
- 1) Reading sources or watching tutorial of the application used
 - 2) Finding places with paid or free internet connection
 - 3) Asking lecturer or peers to help
- i. Lack of time:
- 1) Asking friends
 - 2) Constructing ideas concisely
 - 3) Managing time
- j. Risk of being misunderstood:

