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### LIST OF ABBREVIATIONS USED IN THIS STUDY

ABBREVIATIONS MEANING

OC Online collaboration

OCL Online collaborative learning

CALL Computer-assisted language learning

SLA Second language acquisition

ESL English as a Second Language

e.g. For example

SCT Sociocultural theory

CL Collaborative learning

ZPD Zone of proximal development

L2 Second language

i.e. that is

CMC Computer–mediated communication

HACL Heterogeneous-ability cooperative learning

FCL Friendship cooperative learning

PBL Problem-Based Learning

TESL Teaching English as a second language

CGPA Cumulative grade point average

RAP Reading for Academic Purposes

UiTM University Teknologi MARA

SDL Self-directed learning

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