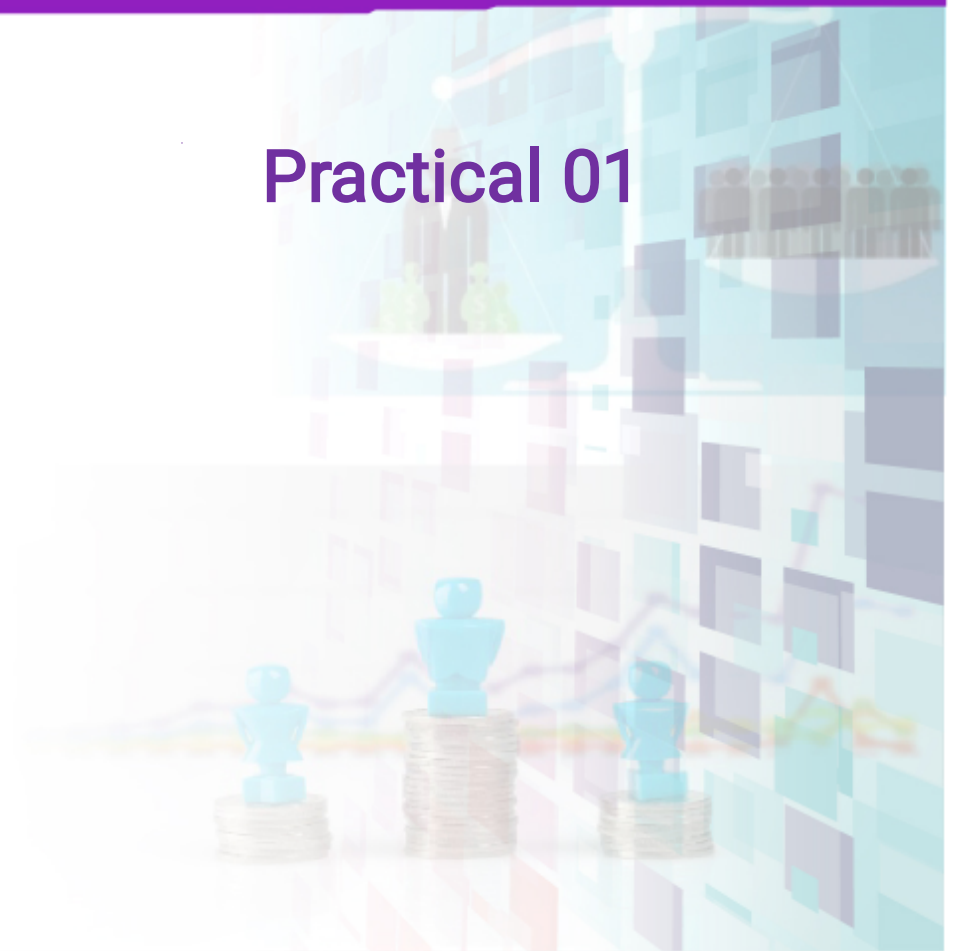


Experimental Psychology

Practical 01



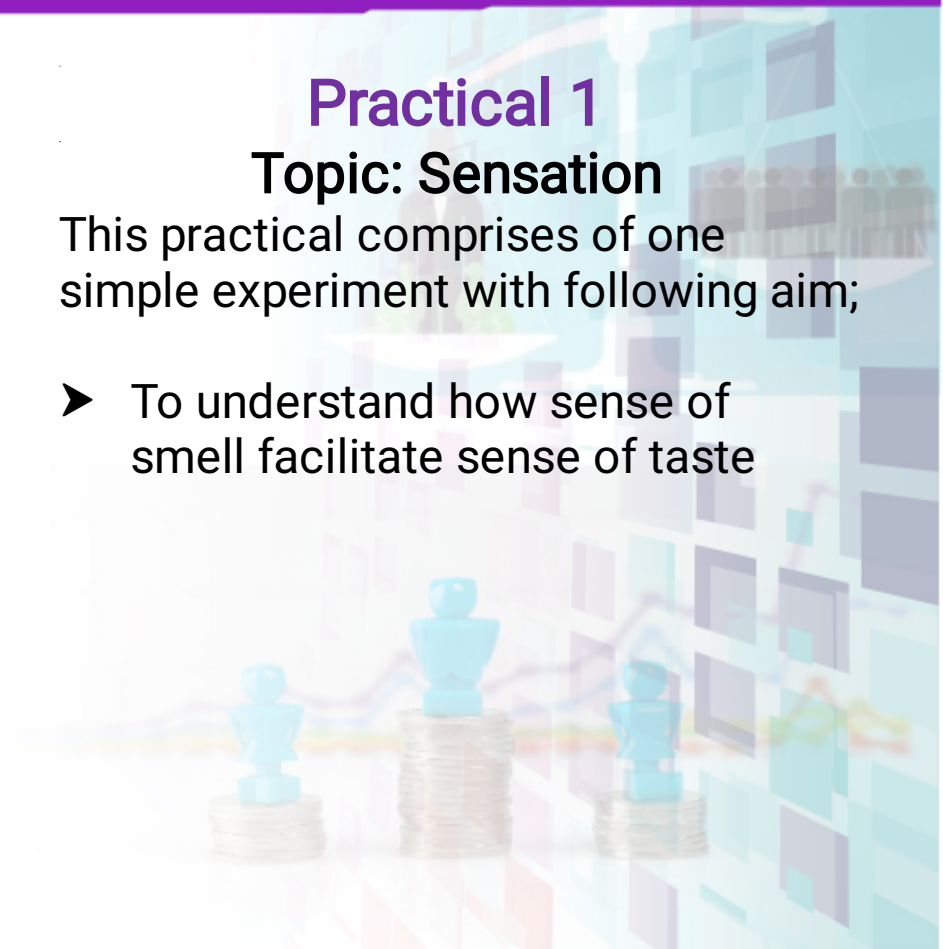
Practicals

Practical 1

Topic: Sensation

This practical comprises of one simple experiment with following aim;

- To understand how sense of smell facilitate sense of taste



Practicals

Sample

3 volunteers having at least Matriculation level of education

Materials Required

Buds, clips, four flavors of juice, paper, pencil, and eraser

Practicals

Procedure

- Participants should be blind folded.
- The arrangement of participants should be as seated in order i.e. chairs can be managed back to back in a way that participants cannot hear each other.
- First participant should be given few drops of one flavor and asked to guess the flavor and write the result secretly and this procedure should be repeated for rest of the participants

Practicals

- 5 trials should be taken for 1 juice to taste for different participants i.e. 1 trial for each flavor of juice for 1 participant.
- The same procedure should be repeated by blocking the nose of the participant in order to test whether sense of smell facilitate sense of taste or not.
- The nasal cavity of participants should be blocked with the help of a clip and in total 25 trials should be taken i.e. 5 trials for 1 juice

Practicals

Results Table Format

Following results were obtained from the participants by closing nose and open nose

	P1		P2		P3		Correct responses		Incorrect responses	
	C.N	O.N	C.N	O.N	C.N	O.N	C.N	O.N	C.N	O.N
Total										

Total

Note: O.N=Open Nose, C.N=Close Nose, P=Participants, F=Flavor

Practicals

Conclusion

In this section, students will have to conclude;

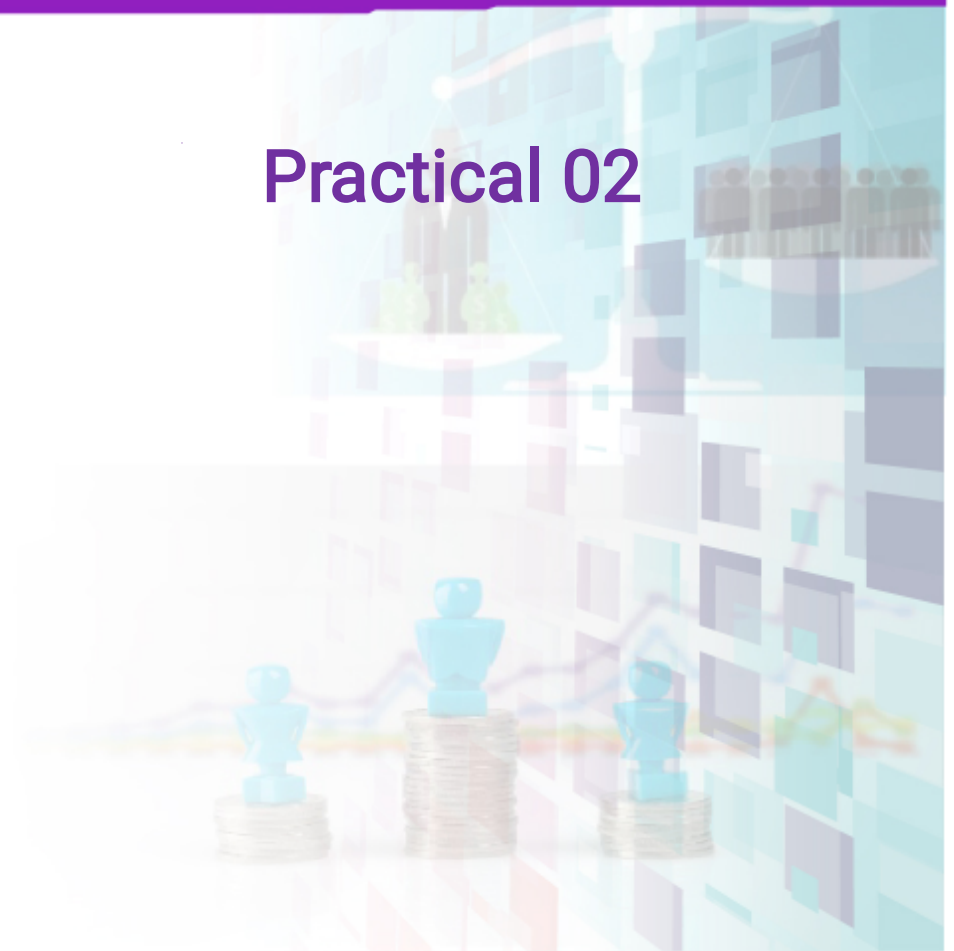
Did the sense of smell facilitate your participant's correct identification of taste?

Did participants provide wrong identification of the flavors when they can't smell juice?

End

Experimental Psychology

Practical 02



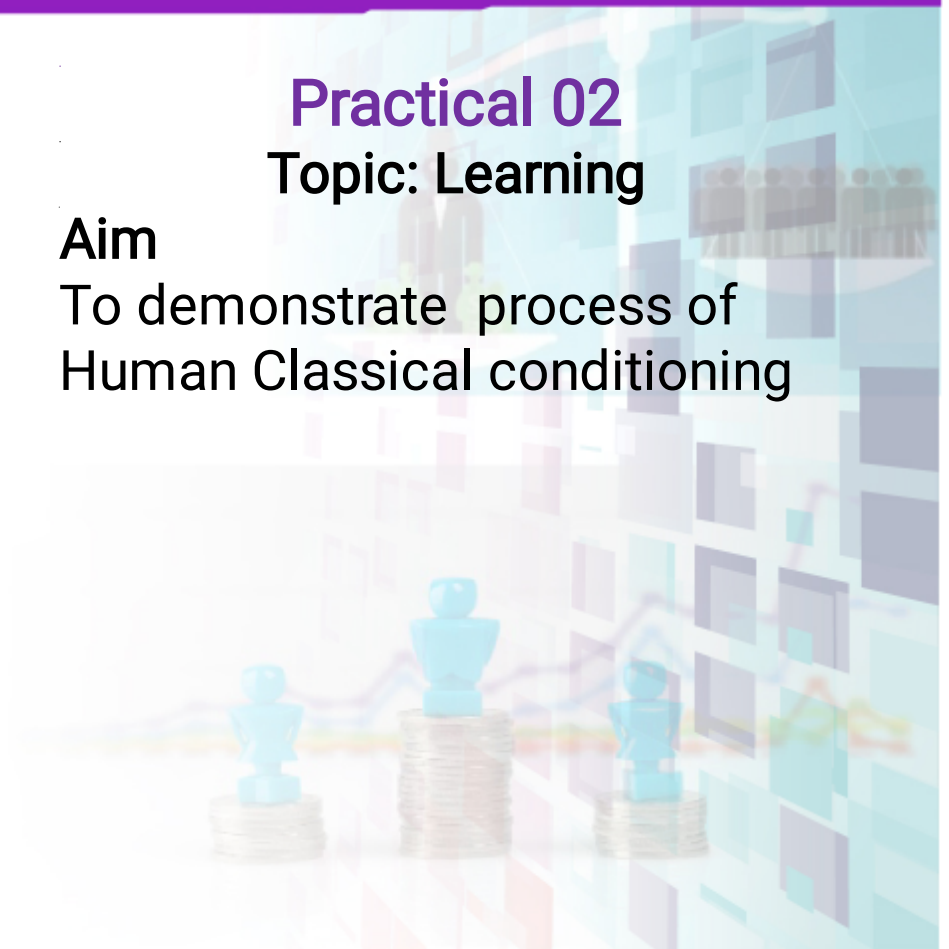
Practicals

Practical 02

Topic: Learning

Aim

To demonstrate process of
Human Classical conditioning

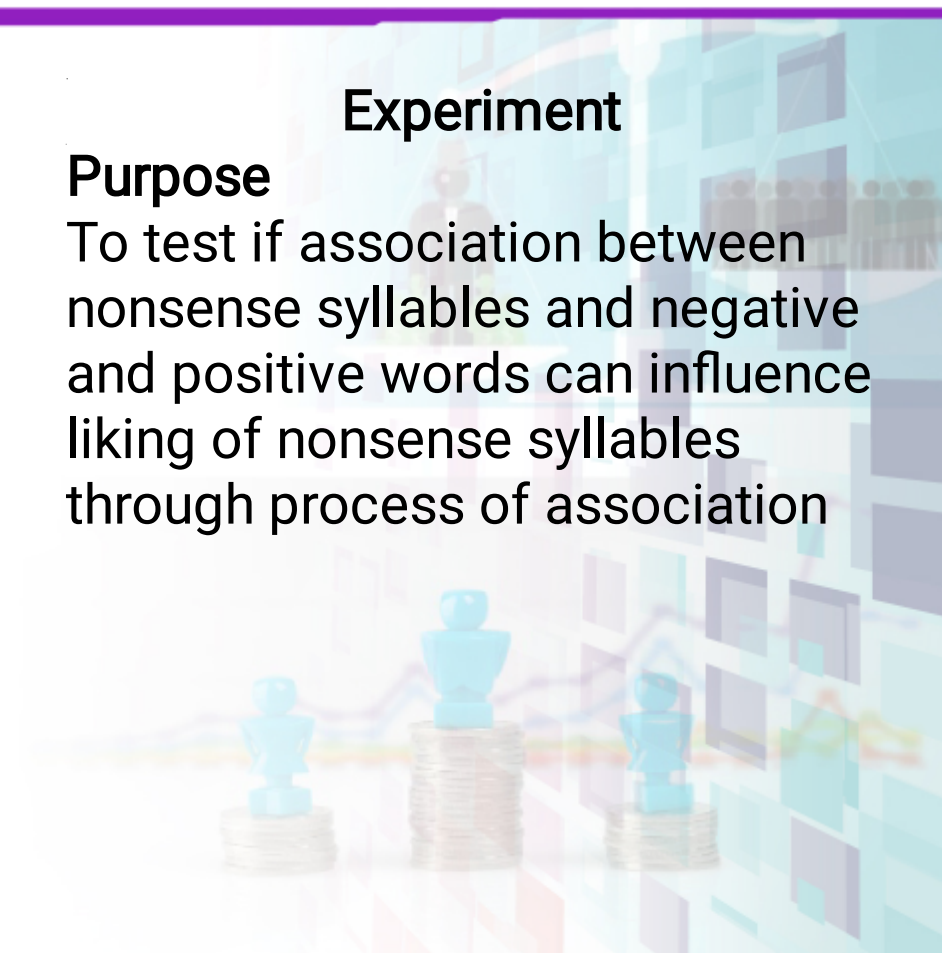


Practicals

Experiment

Purpose

To test if association between nonsense syllables and negative and positive words can influence liking of nonsense syllables through process of association

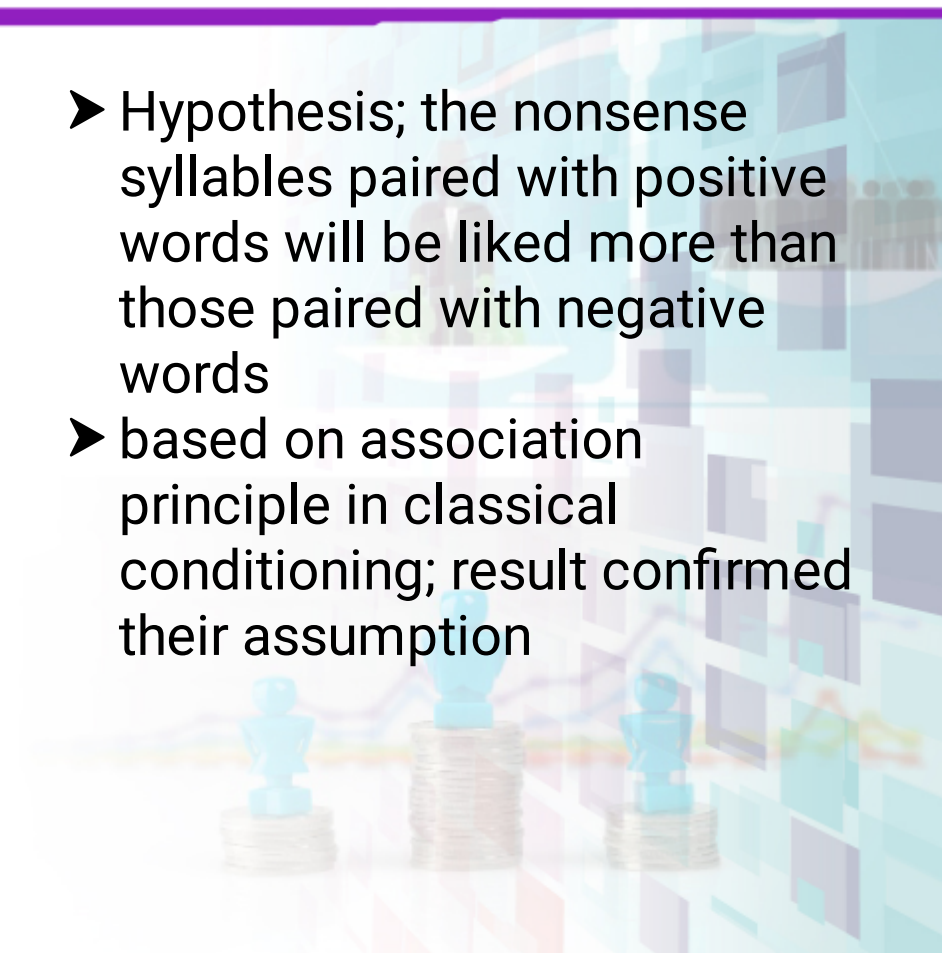


Practicals

- Original Study; Staats and Staats, 1976,1977
- Nonsense syllables were presented with some adjectives
- Some syllables are paired with positive adjectives like sweet, nice, fragrant, kind
- Some are paired with negatives ones like mean, smelly, ugly, stingy

Practicals

- Hypothesis; the nonsense syllables paired with positive words will be liked more than those paired with negative words
- based on association principle in classical conditioning; result confirmed their assumption



Practicals

Sample

3 volunteers having at least Matriculation level of education

Materials

1. List of nonsense syllables
2. Use flash cards in which non-sense syllables to be written. Present each card along with adjective.
3. Recording sheet with nonsense syllables

Practicals

Procedure

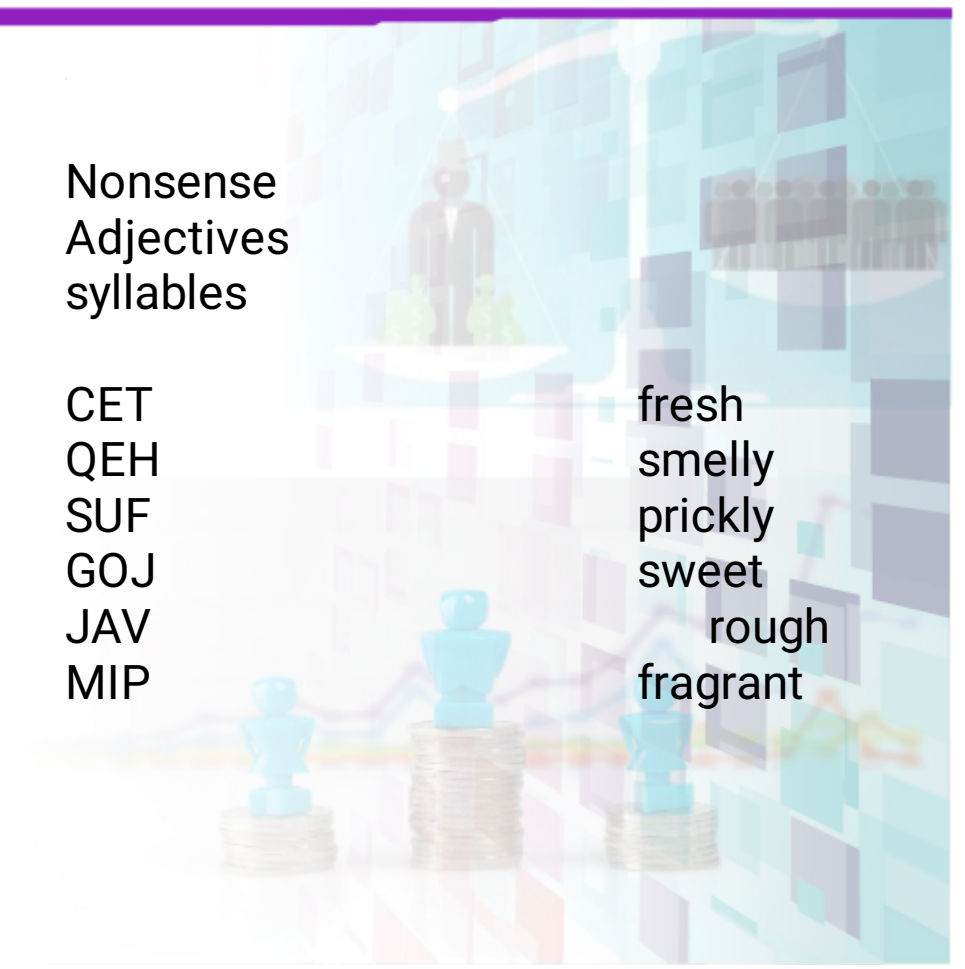
- Make the presentation with nonsense syllables appearing one at a time
- Experimenter says aloud the adjective after each syllable has appeared on the flash card.
- Then Experimenter presents the syllables
- This is repeated twice
- After list is completed, participants are given the list of syllables on paper and asked to rate each syllable

Practicals

Nonsense
Adjectives
syllables

CET
QEH
SUF
GOJ
JAV
MIP

fresh
smelly
prickly
sweet
rough
fragrant



Practicals

Recording sheet

Please rate ; 1 = dislike very much

5= like very much

CET 1 2 3 4 5

QEH 1 2 3 4 5

SUF 1 2 3 4 5

GOJ 1 2 3 4 5

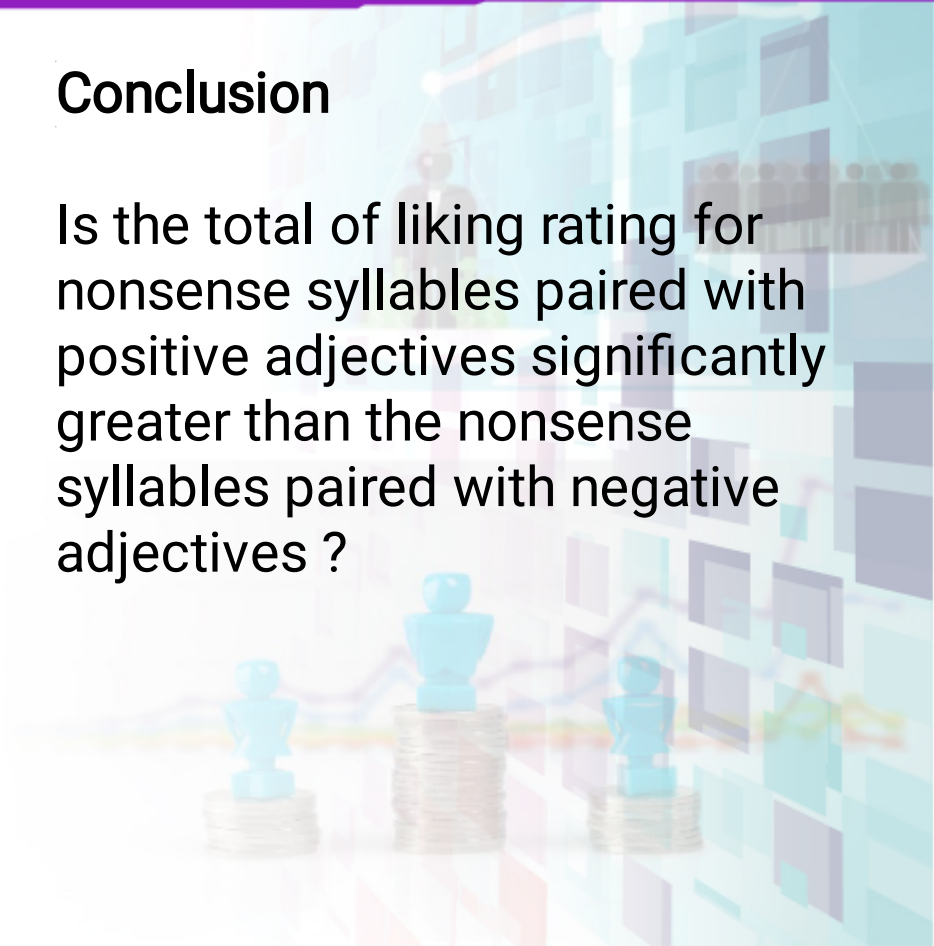
JAV 1 2 3 4 5

MIP 1 2 3 4 5

Practicals

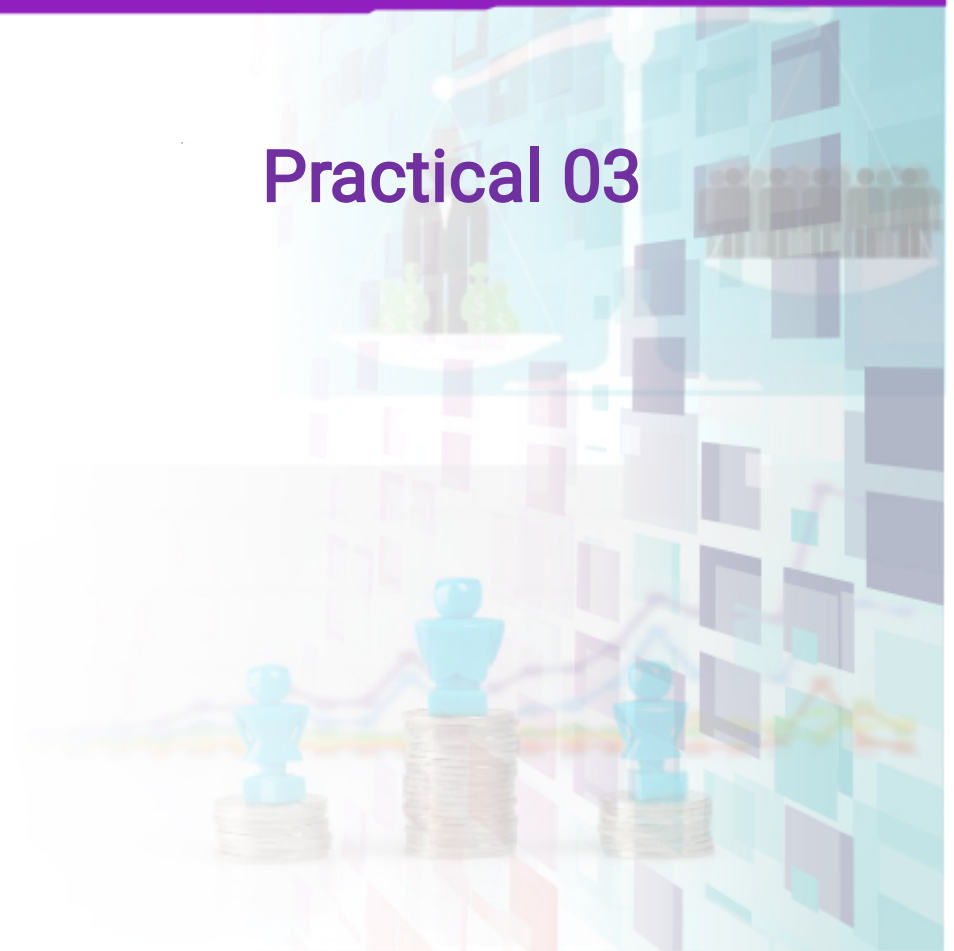
Conclusion

Is the total of liking rating for nonsense syllables paired with positive adjectives significantly greater than the nonsense syllables paired with negative adjectives ?



Experimental Psychology

Practical 03



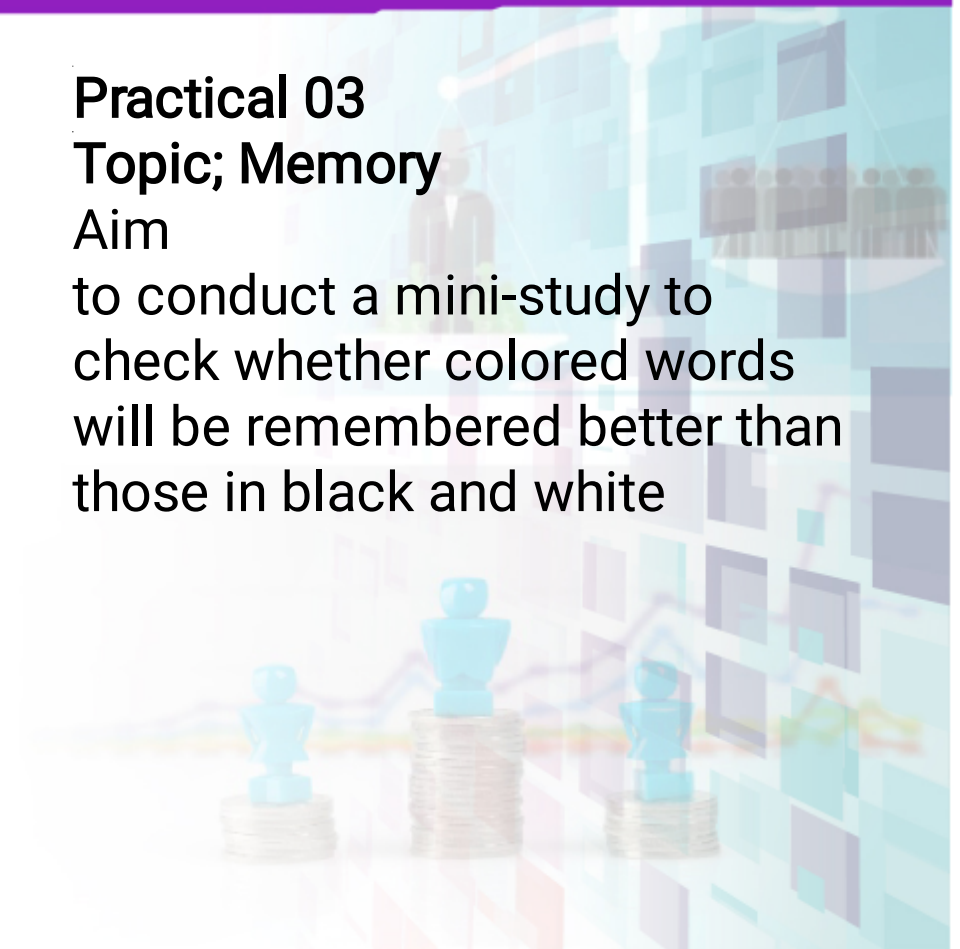
Practicals

Practical 03

Topic; Memory

Aim

to conduct a mini-study to check whether colored words will be remembered better than those in black and white



Practicals

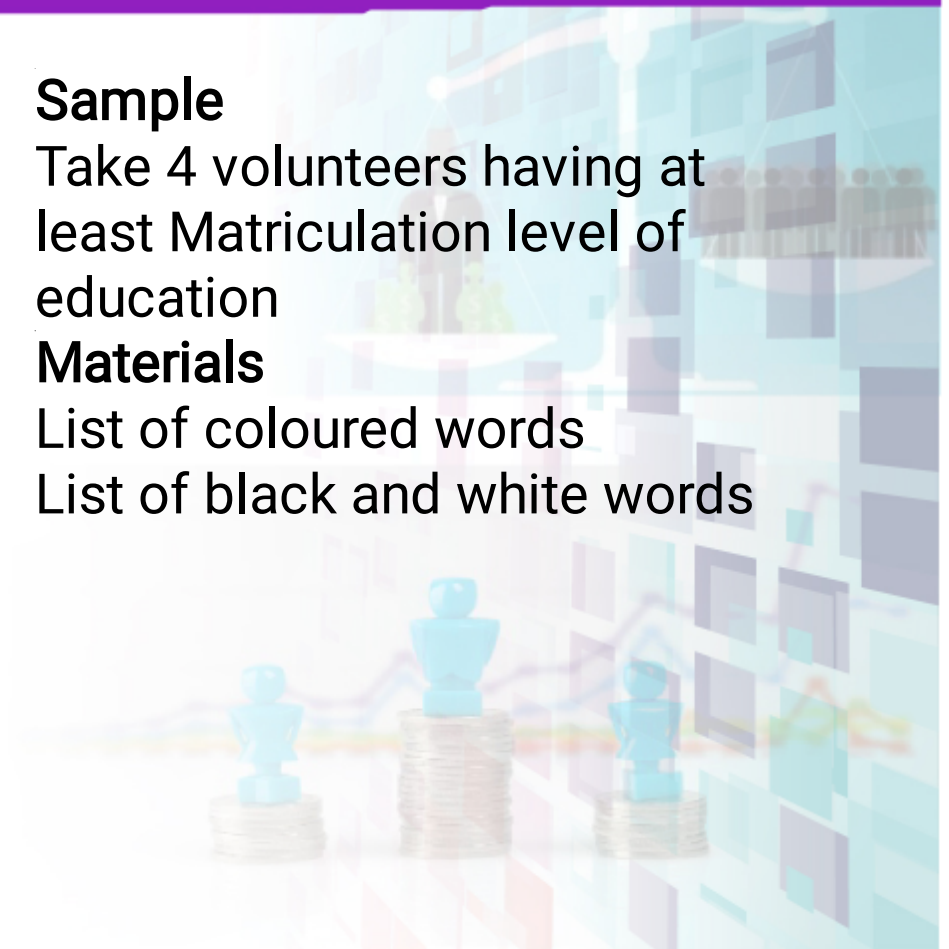
Sample

Take 4 volunteers having at least Matriculation level of education

Materials

List of coloured words

List of black and white words



Practicals

Colored words

Job

Rajistan

Clouds

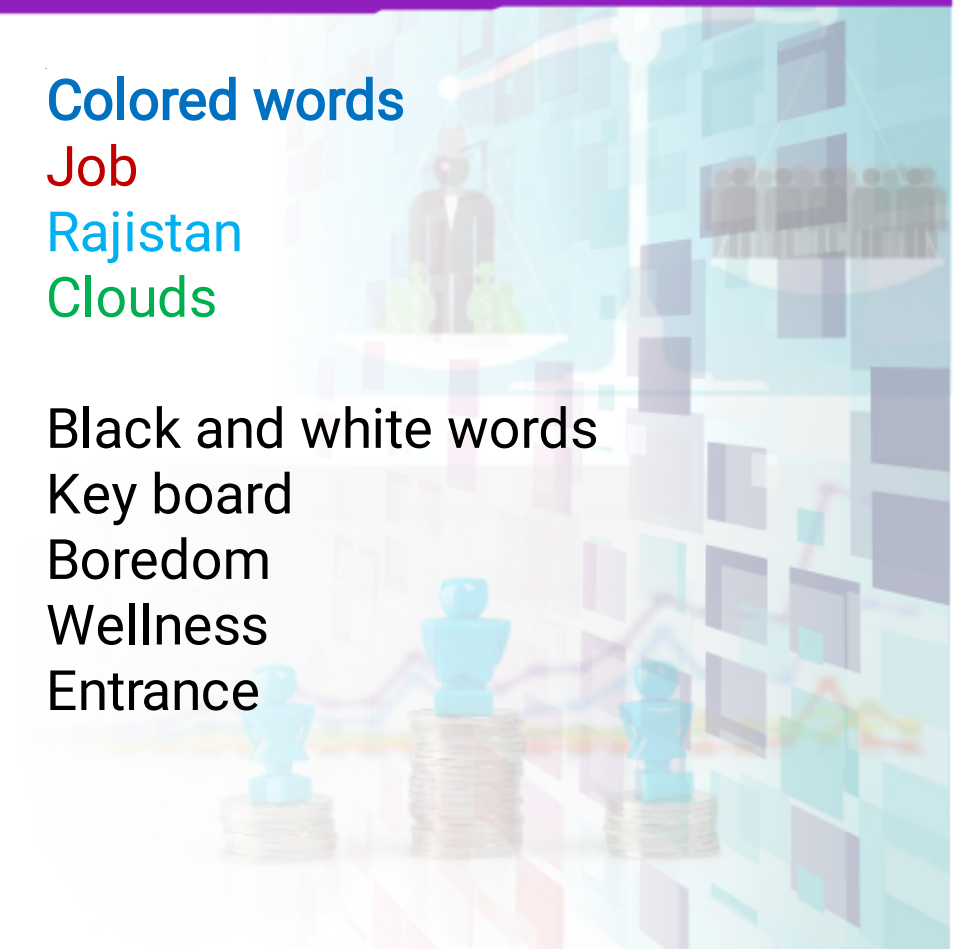
Black and white words

Key board

Boredom

Wellness

Entrance



Practicals

Instructions

Distribute "List #1" and "List #2" to the selected participants.

Instruct them to read the lists carefully for ten minutes.

After exactly ten minutes, take away the lists.

Ask the participants to recall the words from both forms of lists.

Record their responses.



Practicals

Table formulation

Record the responses of participants by using the provided tabular format

Conclusion

In this section, students will conclude;

- Did the colored words remember better than those in black and white?

Practicals

Participants	No. of words recalled colored words	No. of words recalled black and white
1		
2		
3		
4		
Total		