

Sub: Psychology
Class: II P U C

PRACTICALS PART:

Max Marks = 10

Total Periods = 20

Choice: Any Two questions
out of three – Five Marks each

SAMPLE

Q.1. Write Plan and Procedure you have followed to study the effect of feeling tone on recall (reproduction) of Pleasant and Unpleasant Words:

Ans. Key:

Experimenter: x

Date :

Subject: y

Time :

Marks

Problem: To study the effect of feeling tone on recall (reproduction) of Pleasant and Unpleasant words:-

Materials: 1) Three lists of stimulus words of 15 each. **1**

List – A – Neutral words

List – B – Pleasant words

List – C - Unpleasant words

2) Stop – watch 3) Writing Materials

Plan : Present the list of words orally until the subject can just reproduce all the three lists of words. Ask the subject to recall the words after 48 hrs. Find out the words reproduce by the subject and compare the three lists of words with each other. **1**

Procedure: The subject was asked to sit comfortably and asked him to listen to the instructions attentively. “I will present you orally a few words. Listen to me carefully. After presenting the list once, I will give you a short interval. During the interval try to recall as many words as possible. Then I repeat the procedure for some more trials. When you feel that you can reproduce the entire list, tell me. I will give you time to reproduce words. Write down the words and hand over the list to me.” With these instructions the subject was asked to “start”. Stop-watch also started simultaneously. The list of words read out audibly at the rate of a word per 2 seconds. At the end of each presentation, 15 seconds time was given to the subject to recall the words. The same procedure was followed to the remaining lists of words also. After 48 hours the ‘S’ was asked to reproduce the lists of words again. 3

- Precautions:**
- 1) The words should be selected carefully
 - 2) The words should be presented with even speed and tone.
 - 3) The ‘S’ should not be told that he will have to reproduce words after 48 hours.
 - 4) The words of the three lists must be presented in random order.

Q.2. Write the plan and Procedure you have followed in studying the effect of emotion on the speed of responses by discrete method.

Ans. Key:

Experimenter: x

Date:

Subject: y

Time :

Marks

Problem: To study experimentally the effect of emotions on the speed of responses by discrete method.

Materials: 1) Two lists of stimulus words of 25 in each list.

1

List – A – Non-Emotional words.

List –B- Emotional words

2) Stop – watch 3) Writing materials

Plan: The experiment was conducted in two series. Compare the responses and reactions time for emotional and non-emotional words .

Procedure:-

Series-I. The subject was asked to sit comfortably. The ‘S’ was asked to listen to the instructions carefully. “I will give a list of words. Read the words mentally one after another. Write down the responses immediately after reading each word. Like this you will have to read and respond to as many words as possible with a single response to each word.” With these instructions the subject was asked to start and the stop-clock also started simultaneously. At the end of 40 seconds the ‘S’ was asked to ‘stop’. The responses given by the ‘S’ was counted.

3

Series –II. The same procedure was followed while presenting the list – ‘B’

Precautions : After the instructions one or two trials were given to ‘S’ to ensure that the ‘S’ understood the instructions properly.

Q.3. Explain the Plan and procedure you have followed in the study of vocational interest by paired comparison method.

Ans. Key:

Experimenter: x

Date :

Marks

Subject: y

Time :

Problem: Determine the vocational interest by paired comparison method

Materials: 1) 10 Vocational areas (Police, Journalism, Teaching, Administration, Law, etc) written in bold letters on 8”x10” cards. **1**

2) Writing materials

Plan : Using paired comparison method , find out the number of times , each profession is preferred by the subject.

Procedure: The subject was asked to sit comfortably in the chair. Then the Instructions were given as follows. “Now I am going to show you a few Areas of jobs (Vocations) by paired comparison method. You look at them, Compare them in your mind and tell me your preference of the two. Like this I will show you all the areas of vocations. Every time you should tell your preference. ” With these instructions the ‘S’ was asked to be ready to see the Vocational areas , Written on cards. Then the cards were shown to the subject by paired comparison Method. His preferences were marked in the table. Like this all the Vocational Areas were presented to the ‘S’ and his responses were marked in the table. **3**

Precautions: 1) While presenting the Vocational areas by paired comparison method the care was taken that the same areas were not compared with each other more than once.

Q.4. Write the Plan and Procedure you have followed in the study of self rating and rating by others.

Ans. Key:

Experimenter: x

Date :

Marks

Subject: y

Time :

Problem : To Compare the self-rating with rating by others.

Materials : 1) Five point rating scale to rate Leadership qualities (steadiness and self control)

-----5 Poor self-control

-----4 fair ___” ___

-----3 Satisfactory ___” ___

1

-----2 Good ___” ___

-----1 Excellent ___” ___

2) Writing materials

3) Five subjects who know each other very well

Plan : The experiment was conducted in two series

1

1. Self rating

2. Others rating about each ‘S’ the ratings were compared.

Procedure :

The experiment was conducted in two series.

I Self rating: The subjects (5) were asked to sit comfortably. Then the following instructions were given to them”. Now listen to me carefully. I will give you five point rating scale. Go through the scale. Put tick mark on the point which Suits you. That indicates the amount of self control you think that you have”. By giving these instructions, the scale was given to all the five subjects. After their ratings were over the scales were collected from them.

3

II Rating by others: Once again the subjects were asked to sit comfortably. The following instructions were given. “Listen to me. Now you have to rate each other on the scale. Do it carefully and objectively. Do not show your ratings to other fellow subjects. Do it secretly and hand over it to me”. With these instructions the subjects were provided with rating scale to rate others. Their ratings were collected and analysis was made.

Precautions : It was ensured that before rating, the subjects have understood the instructions Clearly.

Q.5. Write the Plan and procedure you have followed in studying the stereotypes of Indians Towards other Nationalities.

Ans. Key:

Experimenter: x

Date:

Marks

Subject: y

Time :

Problem : To study the stereotypes of Indians Towards a few nationalities (Indians, Americans, Chinese, Russians and Pakistanis)

Materials :

1. 30 data sheets containing 50 attributes – 25 desirable and 25 undesirable.
2. Writing materials

1

3. 30 subjects (Indians)

Plan: Conduct the experiment and find out the stereotypes that subjects have about the other nationalities.

Procedure: The subjects were asked to be ready to take the test. The data sheets were distributed. Then the following instructions were given. “Look at the data sheet. On the left hand margin you will find 50 attributes. On the top of the data sheet you will find five national groups. Go through the attributes one by one and mark it under the nationalities you think it is present. Like this you mark all the attributes. If the attribute is desirable, you mark it as (D), if it is undesirable you mark it as (UD).” With these instructions the subjects were asked to mark the attributes according to their perceptions. After completing, the data sheets were collected from them.

3

Precautions : Make sure that the subject has understood the instructions properly.

Q.6. Write the Plan and procedure you have followed in the study of the effect of fatigue on mental co-ordination.

Ans. Key:

Experimenter: x

Date:

Marks

Subject: y

Time:

Problem: - To study the effect of fatigue on mental Co-ordination (following both continuous and interpolated methods)

Materials required:-

1

1. Adding sheets

2. Stop Clock
3. Writing materials
4. Vowel / number cancellation sheets.

Plan:- The experiment was conducted in two parts.

1

1. Interpolated method
2. Continuous Method

Performances of the subject after and before fatigue were compared.

Procedure: - Part – I Interpolated method

3

The subject was asked to sit comfortably. Then the instructions were given as follows. “Listen to me carefully. Here is an adding sheet. At the ‘start’ signal start adding the unit and write the answer below it. When you hear me saying ‘shift’, skip two units and continue adding. Keep working till you are asked to stop.” After giving instructions it was ensured that the subject understood the instructions properly. Then the adding sheet was given. Then he was instructed to “start”. After every minute he was asked to “shift”. At the end of five minutes the subject was instructed to stop. After 10 minutes of distractions, the subject was asked to sit comfortably. Then the following instructions were given. “I will give you adding sheet back. Start adding until you are asked to “stop”. With these instructions, the adding sheet was given back and asked to “start”. After five minutes of continuous adding, the subject was asked to “stop”.

Part – II Continuous Method : In this series , the subject was given the number cancellation sheets and following Instructions were given ,”At the ‘start’ signal start cancelling the digits 2,5,7 and 9 and when you hear me ‘shift’ skip two lines at every signal ‘shift’ and continue”. This procedure is continued for a period of 10 minutes. Then count the total number of digits cancelled.

Precautions:

- 1) The subject must work fast and accurately.
- 2) The results should be checked only at the end of the experiment.
- 3) The subject should not be told the duration of the work. If he knows the duration, it affects his performance.

Q.7. Write the Plan and procedure you had adopted in the study of determining the personality of the subject by administering sentence completion test.

Ans. Key:

Experimenter: x

Date:

Marks

Subject: y

Time:

Problem : Determine the personality of the 'S' by administering sacks sentence Completion test.

Materials: 1) Sixty incomplete sentences of sacks **1**
2) SSCT Rating scale
3) Stop-watch
4) Writing materials.
5) Incomplete sentences and norms of each area of adjustment.

Plan: - The SSCT was administered to the 'S' with proper instructions. The answers **1**
were classified and the results interpreted.

Procedure: - The subject was asked to sit comfortably. The instructions were given as **3**
follows. "Listen to me carefully. This test consists of 60 incomplete sentences. At the signal 'start' read each incomplete sentence, understand and complete sentence as you please with the first thought that comes to your mind. Complete the test as early as Possible. If you cannot complete any sentence encircle its serial number and proceed to the next sentence. Then come back to left off sentence and complete it. Do not leave any sentence incomplete". After giving the instructions, it was ensured that the 'S' understood the instructions thoroughly. And then he was asked to 'start' and stop-watch started clicking simultaneously. Soon after the 'S' completed the test, stop-watch also stopped and the time was noted down.

Precautions: - 1) The 'S' was supposed to complete the sentence with the word or words which comes to his mind spontaneously. He is not supposed to think and complete the sentence.

2) If 'S' asked the meaning of a word, the experimenter should tell the meaning.

Q.8. Write the Plan and procedure you have followed in determining the social structure and social relation by socio-metric method.

Ans. Key:

Experimenter: x

Date:

Marks

Subject: y

Time:

Problem :- Determine the Social structure and Social relation by socio-metric method.

Materials :- 1) A task to be performed – choosing a leader for educational tour.
2) A group of 10-15 students.
3) Writing materials.

1

Plan:- On a slip of Paper, the students were asked to mention the name of the person to lead the tour. The socio-gram was drawn by using the data obtained from the slips. The data analyzed and interpreted.

1

Procedure :- Ten students selected from the class. Each student was given an alphabetical name- A to J. They were asked to sit in order. Each student was provided with a sheet of Paper. They were asked to write their alphabetical names on the sheet. Then the following instructions were given. “Next month we have arranged educational tour. To lead the tour a leader is essential. Each one of you has to write the name of the person (alphabet) whom you like to be your leader. Also write the alphabetical name of the person whom you do not like to be your leader. Then fold the sheet and hand over it to me.”

3

After giving instructions, it was ensured that they have understood the instructions. After sometime the slips were collected from them. The data analyzed and a socio-gram was drawn.

Precautions :- It was ensured that students did not talk to each other while writing their answers on the slips.