UNIT 4 ASSESSMENT OF PERSONALITY

Structure

- 4.0 Introduction
- 4.1 Objectives
- 4.2 Personality Assessment
- 4.3 Personality Inventories
 - 4.3.1 Cattell's Sixteen PF Scale
 - 4.3.2 Bell Adjustment Inventory
 - 4.3.3 California Psychological Inventory
 - 4.3.4 Minnesota Multiphasic Personality Inventory
 - 4.3.5 Merits and Demerits of Inventories
- 4.4 Projective Methods
 - 4.4.1 History of Projective Methods
 - 4.4.2 Types of Projective Tests
 - 4.4.3 Evaluation of Projective Tests
- 4.5 Observational Methods
 - 4.5.1 Rating Scales
 - 4.5.2 Interview
- 4.6 Let Us Sum Up
- 4.7 Unit End Questions
- 4.8 Suggested Readings

4.0 INTRODUCTION

In the preceding units we studied the origin of personality (unit 1) factors influencing personality (unit 2) and different theoretical approaches to personality. In this unit we will study assessment of personality. Now the question is what is assessment?

Let us tell you by assessment we mean quantification of different traits present in the personality of a person. This enables us to know to what extent a particular trait is present and further it affords us to make comparative study of individuals on that trait. Besides personality assessment also enables us to determine the extent to which different traits of his personality are organised or are in harmony with each other. For example, person residing in neighbourhood is, let us say, a philanthrophist. Let us say he also has spiritual bent of mind and is known for his human welfare activities in the locality. Can you expect this person to engage in cruelty against animals, or can you imagine him taking stance against women's education? Answer is a big no. Why because all the activities in question are just the contrary of the attributes ascribed to him and do not reflect organisation and harmony. When a trait is a natural corollary to another trait present, the two traits are said to be in harmony with each other. Internal harmony or organisation between the traits signifies a balanced personality, But if the traits present in one's personality are disorganised or contradicting each other it is indicative of some abnormality and maladjustment.

In this unit we are going to study about personality assessment, what it involves and what kind of tests area available and how do the psychologists select them etc.

4.1 **OBJECTIVES**

After reading of this unit, you should be able to:

- 1 discuss the meaning of personality assessment;
- aim of personality assessment;
- 1 personality inventories;
- 1 describe projective techniques;
- ¹ be able to describe in your own words the principle of projection; and
- understand and discuss the nature of observational methods.

4.2 PERSONALITY ASSESSMENT

Assessment of personality refers to the measurement of personal characteristics of an individual. It involves information gathering through interviews etc. and administering of psychological test to understand the typical characteristics. Assessment is an end result of gathering information. It contributes to furthering of research in the area and also helps in making appropriate decisions in regard to which type of test to be applied and in what manner.

Assessment is based on the assumption that each individual differs from another in regard to the personality traits. Even if they possess the same traits their behaviour will vary in terms of their experiences to different situations and thus a personality assessment will make this very clear as to what actually contributes to this difference and what are typical of a particular person's personality.

A distinctive feature of personality assessment is the scientific approach to personality measurement. That is how the human characteristics are described quantitatively and qualitatively. The assessment also throws light on how many traits are present and which of these is dominant and which one acts negatively creating problems to the adjustment of the individual.

The sophisticated assessment and measurement of personality of an individual depends on the use of a variety of concepts to provide trait definitions and entails the application of various methods of observation and evaluation.

Personality assessment serves two purposes – theoretical and practical. Theoretically personality assessment provides knowledge about different dimensions and aspects of personality development and provides information about its nature. It provides impetus to research on personality and help develop new theories about personality. Practical purposes of personality assessment is to know the strength and weaknesses of a person. It tells which traits in a person are lacking and what are its implications for his adjustment with the environment? It provides help in developing intervention program for persons who need help to overcome some of their personality based difficulties. For example, if a person is extremely shy and refuses to move with others even though in all other aspects the person behaves well, it would be worth the while to know what is it in the person that makes the person so shy that the individual avoids all relationships. For this a personality assessment will be helpful to understand the fact as to where the problem lies and through which kind of

counseling one can help the person overcome the problem. Methods of personality assessment can be categorised under three headings:

- 1) Personality Inventories,
- 2) Projective Techniques, and
- 3) Observational methods.

4.3 PERSONALITY INVENTORIES

This is the most popular method of personality assessment. In this method statements about certain traits of personality are constructed and the testee is required to answer them as "right/wrong" or "yes/no". For example,

1)	Do you have problem in sleeping?	Yes/No
2)	Does your parent give you adequate protection?	Yes/No

3) Are you worried without reason? Yes/No

Persons may differ over the responses they give for each of the above questions as it depends on their experiences and life situations. One person may not get sleep because iof excitement, another person may not get sleep because of feelings of rejection by the parents and yet another person may not feel sleepy because of some constant worries about his own future.

In personality inventories there is no right or wrong answers. Because the person himself reports about his problems and based on what the individual provides as information the responses are interpreted. These inventories are called self report inventories as then person himself or herself responds to these questions. These are constructed according to certain norms, scientific techniques and are put through many steps of validation and standardisation. Hence, these tests are also called as psychometric tests.

Personality theorists and researchers seek to define and to understand the diversity of human traits, the many ways people have of thinking and perceiving and learning and emoting. Such nonmaterial human dimensions, types, and attributes are called constructs from which inferences are drawn from observed behaviours. The personality constructs which have been researched considerably include the construct of anxiety, hostility, emotionality, motivation, and introversion-extroversion.

Efforts to measure personality constructs stem from a variety of sources. These generally originate from theories of personality. For instance anxiety and repression (the forgetting of unpleasant experiences), for example, are among the central concepts of the theory of psychoanalysis. It is understandable that efforts would be made to quantify one's degree of anxiety, for example, and to use the score thus obtained in the assessment of and in the prediction of future behaviour.

Among the major issues in the study of personality assessment and measurement are the following questions:

- i) Which of the many personality constructs that have been quantified are basic or fundamental in the particular problem an individual is facing.
- ii) Which constructs can be expected to involve wasted effort in their measurement because they represent poorly defined combinations of more elemental constructs.

- iii) Which measurement techniques are most effective and convenient for the purpose of assessment.
- iv) Whether it is better to interview people in measuring personality, or to ask them to respond to a personality inventory with questions given as samples above.

Efforts to measure any given personality construct can fail as a result of inadequacies in formulating or defining the trait to be measured and weaknesses in the assessment methods employed. For instance a psychologist who is trying to test an individual's personality, may like to quantify what has been measured and interpret the same qualitatively. For example, he may try to see what is the degree of depression in the individual through a personality test and then interpret the same. This would involve the theoretical system which he susbscribes to and thus if it is psychoanalytical he might say the depression is due to repressed wishes that have not been fulfilled and depression is a way of manifesting those unfulfilled desires and wishes. To give another example, a psychologist may like to specify quantitatively the degree to which individuals are submissive in social and competitive situations. The effectiveness will depend on the particular theory of submissiveness the individual brings to bear on the problem. As for the actual procedures, the psychologist will select a test that would measure submissiveness or the psychologist may devise a test by herself to measure the submissiveness. Once a test has been devised it is put under many rigorous testing so as to standardize the same and the psychologist would try to demonstrate how the test exactly measures the submissiveness construct. Each of these tasks must be considered carefully in evaluating efforts to measure personality attributes.

The methods used in personality description and measurement fall into several categories that differ with regard to the type of information gathered and the methods by which it is obtained. While all should rely on data that come from direct observations of human behaviour if they are to have at least the semblance of scientific value, all may vary with regard to underlying assumptions, validity, and reliability (consistency, in this case).

Now let us go a little bit back in time and trace the history of self-report inventories.

History of Personality Assessment

One of the oldest evidence for personality assessment is found in the personality typing system called the Enneagram. Sometime in 460 BC, Hippocrates described the four temperaments as 'humors' that is, moods. Each of these humours or moods was based on the four elements of nature, that is the fire, air, water and earth. Based on these the four personality types were also evolved which were termed as sanguine, choleric, melancholic and phlegmatic. While sanguine type personality was considered to be calm and collected and balanced, the choleric personality was considered to be irritable with melancholic being depressed and inactive with the last one of phlegmatic being lazy idle and not doing anything. Even though these types were not much in use over a period of time, they paved the way for further research and dev elopement of many traits of personality the credit for which goes to psychologists like Allport, Cattell and others.

In 1926, William Moulton Marston, a psychologist at Harvard University, devised a DISC system which could tap four traits of personalioty, viz., dominance (D), Influencing (I), Steadiness (S), and Compliance (C). These he called the normal emotions of people and this system became popular before World War II and

became later a popular tool in the commercial sector. Based on Jung's typology oin personality development, the test called Myers-Briggs Type Indicator (MBTI) became the most used tool, and it is used in the industrial set ups even today.

Organisation Development professionals, marriage and family counselors, psychologists, management experts, and individuals continue to work on personality typing methods to improve work or personal environments. The most recent temperament type was by Keirsey, called as the Keirsey Temperament Sorter (Keirsey, 1987).



The need for personality inventories was first felt during the First World War, when the scrutiny of emotionally unstable soldiers had to be done. Today the number of personality inventories is countless. However, we will discuss a few important and widely used personality inventories which are as follows.

4.3.1 Cattell's 16 PF scale

Cattell developed this inventory using the technique of factor analysis. Cattell included in it three types of traits namely – temperamental traits, ability traits, dynamic traits. The inventory measures 16 bipolar traits which are presented in the table below:

Sr.No.	High Score	Letter Symbol	Low Score
1	Outgoing	А	Reserved
2	More Intelligent	В	Less Intelligent
3	Stable	С	Emotional
4	Assertive	E	Humble
5	Happy-Go-Lucky	F	Sober
6	Conspicuous	G	Expedient
7	Tenderminded	Н	Shy
8	Suspecious	Ι	Toughminded
9	Bold	L	Trusting
10	Imaginative	М	Practical
11	Shrewed	N	Forthright
12	Apprehensive	0	Placid
13	Experimenting	Q1	Traditional
14	Self-sufficient	Q2	Grouptied
15	Cotrolled	Q3	Casual
16	Tense	Q4	Relaxed

(Source: Adapted From Conn & Rieke, 1994 The 16PF Fifth Edition technical manual)

These 16 factors are called first-order-factors on the basis of median of these factors. In addition to these 16 factors Cattell also identified 11 second order factors which were equally important as personality traits. These included anxiety, extroversion, independence, neuroticism, leadership, marital adjustment, subjectivity, altruism, self discipline, deliberation and conscientiousness.

From Cattell's personality inventory and the identification of factors, the Big 5 personality traits called as the global traits have been delineated which are Neuroticism, Extraversion, Agreeableness, Openness to Experience and Conscientiousness. In the present day the Big 5 inventory is used widely in almost all settings especially in the corporate sectors.

4.3.2 Bell Adjustment Inventory

This test was developed by Bell in 1934 aim to diagnose adjustment problems of the individual. A test of personality that assesses the individual's adjustment in a variety of situations – for example, home, health, school, self etc. For instance the "home adjustment is expressed in terms of satisfaction or dissatisfaction with home life, while 'health adjustment' is measured in terms of shyness, submissiveness, introversion, etc. The emotional adjustment is assessed in terms of depression, nervousness, and so on. It has two forms – **student form** and **occupational form**. It contains 140 items which are answered in "Yes" or "No" form. It is highly reliable and valid and it has been adapted in various Indian languages.

4.3.3 California Psychological Inventory

This was originally developed in 1957. However it was revised by Gough in 1987. It measures normal traits of personality. It describes individuals in the way others see them. The California Psychological Inventory provide a range of personal and work related characteristics, motivations and thinking styles of the individuals who take the test. It also tells how people manage themselves and deal with others. It consists of 18 scales, each of which is designed to forecast what a person will say or do under defined conditions. It identifies individuals who will be described in characteristic ways by others who know them well or who observe their behaviour in particular contexts.

4.3.4 Minnesota Multiphasic Personality Inventory (MMPI)

It was originally developed by Hathaway and Mckinley in 1940. It contains 550 itmes answered "Yes", "No" and "Can't say". It has two forms – individual card form and group card form. It was basically developed to measure pathological traits of personality. It has 10 clinical scales and 3 validity scales. **Clinical scales are:**

- 1 *Hypochodriasis* it measures a person's tendency for excessive anxiety about physical health and functioning.
- Depression It measures affective disorders like sadness, decrease in proficiency, interest, and energy etc.
- ¹ *Conversion hysteria* measures a person's tendency to develop symptoms of physical ailments in order to get rid of mental struggle and conflict and anxiety.
- Psychopathic deviates measures a person's tendency for violation of social and moral norms.

- *Masculinity-Faminity* it detects a person's tendency to perform extreme sex roles.
- ¹ *Paranoia* delusional and persecutional tendency is diagnosed.
- ¹ *Psychesthenia* measures a person's tendency for obsession and compulsion and phobia.
- Schizophrenia measures a person's tendency for abnormal behavior and anxiety.
- 1 *Hypomania* measures emotional excitability, over activity and flight of ideas.
- ¹ *Social Introversion* it measures characteristics like shyness, avoidance of other people and feelings of insecurity.

Validity Scales are as:

1

- Lie scale it measures a person's tendency to lie or project himself in a wrong manner.
- Frequency or Infrequency measures person's tendency to exaggerate symptoms.
- K(correction) it detects a person's defensive outlook or his tendency to exaggerate things about himself.

4.3.5 Merits and Demerits of Inventories

All these scales though are considered extremely useful and are more ore less accurate in describing and identiofying the different personality traits, they do suffer from many defects. Let us see some of the merits and demerits of these inventories.

Merits

- ¹ The foremost characteristic of an inventory is that it is a quick measure of personality. It affords assessment of personality of several persons at one time.
- Personality inventories are used both in clinical situations and normal situation.

Demerits

- ¹ Since inventories measure personality in terms of discrete traits they become unscientific. Personality can not be explained in terms of discrete traits but it is a totality so it should be measured as a whole.
- ¹ Due to lack of acceptable criterion personality inventories are not highly reliable tools of personality measurement and the data gathered can not be interpreted correctly.
- ¹ Since most of the items in inventories are vague and unclear, a person attempting them is able to fake the response and hide his originality.
- 1 It can be used only by literate people.

Self Assessment Questions

1) What are the merits and demerits of the personality Inventories?

2) Match the following

- a) Sixteen P.F. Questionnaire
- b) Bell Adjustment Inventory
- California Psychological Inventory c)
- d) Minnesota Multiphasic Psychological Inventory

PROJECTIVE METHODS 4.4

These methods are based on the principal of projection (a defense mechanism) in which a person projects his her own desires, needs and feelings onto other person or object. To give an example, Suppose you hate a person but you can not say this to that person as he is powerful and has the capacity to punish you. Now what will you do. You will go away from that person or you will dare express your feelings for him in his face. But what if both the options are not available to you or you simply are unable to choose one of the two options. In such circumstances there is also an option of taking recourse to projection. You can pronounce or declare that it is not you who hates the person but actually that person hates you. Thus instead of expressing or giving vent to your feeling in direct manner you simply project them onto that person. Thus you avoid the possibility of punishment and are still able to rid of those feelings.

In projective tests personality is measured in indirect manner by presenting the person with an unstructured, vague stimulus or situation. It is believed that when a person reacts to such vague or unstructured stimulus or situation, he projects his unconscious desires, mental conflicts and unethical wants without knowing that he is doing so.

4.4.1 **History of Projective Methods**

Use of projective techniques began with Leonardo da Vinci. Vinci in 1400 AD selected some children and tested them for creativity. He asked them to identify patterns in ambiguous form and shapes. This was followed by Binet in 1800 AD when he tried to measure passive imagination among children using a game called Blotto. In it children were shown ink blots and asked to report what they saw in the blots. In1879 Galton prepared the Word association test. Jung made extensive use of Galton's test for testing purposes. Ebbinghaus used sentence completion test for measurement of intelligence but soon it was realised that projective tests can be used for personality measurement and thus the projective tests for personality measurement were developed.

4.4.2 **Types of Projective Tests**

Projective tests are categorised under five headings:

- i) Association tests.
- ii) Construction tests.
- iii) Completion tests.
- Choice or ordering tests and iv)
- Expressive tests. v)

Bell b) Gough

a)

d)

- Hathaway & c) Mckinley
 - Cattell

i)

Association tests involve presentation of vague and unstructured stimulus and the person is required to respond what he sees and with what he associates that stimulus. Word association test and Rorschach test are the two main types of this type.

- ¹ Word association tests: In this, test some predecided stimuli are presented one by one to the subject and the subject is required to say the first word that comes to mind after hearing the stimulus word. For example, when the word "chair" is pronounced the subject is supposed to say the first word coming into his mind on hearing this. Freud and Jung are credited with the use of this technique for personality assessment. Response given by the person are analysed in terms of the symbolic meaning of the response and the time taken to respond. Such tests were successfully used by Jung to study emotional conflict of the individuals.
- Rorschach test: This test was developed by Swiss psychiatrist Herman Rorschach. It contains 10 cards bearing inkblots of varied shapes on them. Five of the ten cards are in black and white, while the remaining five are coloured. All the cards are presented to the subject one by one. Subject is free to hold, move and twist the card in the manner he likes. Subject is asked to tell what he sees in the card, whether it is part of the card or whole of the card. All the responses are recorded and analysed according to letter symbols which are as given below:
 - a) *Location:* It tells if the response of the subject is determined by the part or whole of the blot, W is used to denote the whole of card, D is used to denote if the response is determined by half of the blot and more, and Dd is used for response determined by some small details and out of the small portion of the card. S is used to denote for response determined responding to certain spaces in between the figures etc.
 - b) *Determinants:* It tells which feature of the card is responsible for response. For example, the subject responds "butterfly". Now it has to be decided which feature of the card i.e. form, color, or movement is responsible for the response. 24 letter symbols are used for this purpose. F for instance is used for form, C for color, M for human movement and FM animal movement.
 - c) *Content:* It tells about the content of the response. If the content is human then H is used and A is used for animal content.
 - d) *Original response and organisation:* Original response means a response frequently given by people to that card and is called popular response denoted by the letter P.

Once this process of letter assigning is complete, the symbols are analysed and interpreted. For example, prominence of W responses indicates that the person has high intelligence and power for abstract reasoning. D is indicative of ability to see and understand things in a clear manner. Dd should not be more than five percent of the total responses. A Dd higher than this is indicative of symptoms of schizophrenia (a psychological disease).

ii) *Construction test:* These are tests which involve presentation of stimulus upon which the subject is required to construct some story or construct some other thing. TAT (Thematic Apperception Test) developed by Murray is the best

4 2

example of this category. The test has 31 cards out of which one card is blank while the other 30 cards bear some picture on it. However, in any case not more than 20 cards are shown to a person. The test is administered in two sessions. In the first session 10 cards are shown and in the second session another 10 cards are shown including the blank one. Blank card is shown at the last. The subject is asked to write a story on each card. As for the blank card the subject is at liberty to imagine a picture on it and write a story on it. In the end respondent is subjected to an interview to ascertain whether the source of the story lies in the picture shown or somewhere else. After this process is complete the analysis and interpretation starts. Analysis and interpretation is done on the following basis:

- *Hero*: It is believed that the central character of the story is hero or heroine. Further that the respondent identifies him or herself with the central character and projects his or her personality traits onto the central character.
- Needs: Each storey reflects certain needs of the central character. Murray identified 28 human needs like need for affiliation, approval, achievement etc.
- Press: This means environmental forces operating on the hero by rejecting his need fulfillment or by helping the needs to be fulfilled.
- ¹ *Thema*: This represents the interaction between the needs and the environmental forces. Thema tells about the continuity in the personality of the individual.
- 1 *Outcome*: This tells how the story has been ended whether the end of the story is decisive or undecisive, positive or negative etc. Decisive end is indicative of maturity and realistic attitude of the person.
- iii) Completion tests: In this type of test the subject is usually shown a part of the stimulus (usually a sentence) and other part of the stimulus is blank which is to be completed by the subject as he thinks fit. The underlying assumption is that the way subject completes the sentence will reflect his personality. It was first developed by Rohde & Hidreth in 1940. For example,
 - 1) I often think that.....
 - 2) I wish that.....
 - 3) Very often my parents.....

The above sentences have to be completed by the subject with whatever comes to his mind first on reading the incomplete sentence. There are a large number of incomplete sentences blank, of which the more porpular one is of Rotter's Incomplete Sentences Blank. Based on the matter used by the subject to complete the sentence, the analysis is carried out and the responses interpreted.

iv) *Choice or ordering test:* This type of test requires the subject to arrange stimuli in a particular order or he is asked to select stimulus form amongst the given stimuli on the basis of some dimension or according to his likes and dislikes. The underlying assumption in it is that the choice made or order of arrangement will reflect the individual's personality traits. Szondi test is the most widely used test of this type. It requires the subject to choose two photographs that he likes the most and two photographs that he dislikes the most out of six packs of photographs. Thus photos selected reveal the personality of the person.

v) *Expressive tests:* Such tests allow the person to express himself through some drawing. Machover, 1949 is credited with the construction of this test. It has two formats – Draw-a- person test and House-Tree-Person test. From the drawings made by the person the drawings are analysed and the personality traits are delineated. A slightly different version of this test is the Kinetic Drawing Test in which the subject is asked to draw what is going on in the family and later on the subject is asked to tell in imagination or otherwise what exactly is happening in the drawing or the picture. For instance, if the subject has drawn a dining hall scenario, the subject is asked to tell who is saying what and what is happening at the dining table, who is interacting with whom and how the subject himself is being treated there etc. From the responses the psychologist is able to interpret what is going on and in turn the personality of the individual and the conflicts that the person is facing within the family.

4.4.3 Evaluation of Projective Tests

Although projective tests are widely used in personality assessment, they are criticized for the following reasons:

- ¹ Projective tests are not based on some meaningful and testable criteria hence the conclusion about the personality of the subject are not tenable.
- ¹ Scoring and interpretation of projective tests are laced with subjectivity this is particularly true RT and TAT. Consequently different people reach different conclusions about the personality of the same individual.
- ¹ These tests lack in validity and are often used in preparing the case history. Therefore the results of these tests can't be relied upon. Most of the psychiatrists believe that there is lack of scientific evidence over the expected relationship between the indicators of personality and the traits measured.

Self Assessment Questions

1)	What is a projective test?
2)	What are the different types of projective tests?
3)	What are the demerits of the projective tests?

4 4

4.5 OBSERVATIONAL METHODS

It involves the observation and recording of the activities of a person by the observer in a controlled or natural situation. These recordings are then analysed and an inference about the personality of the individual is drawn. Observational methods are categorised under two headings: (i) Rating scales and (ii) Interview. These are being elaborated below.

4.5.1 Rating Scales

Rating scales involve recording judgement about the personality traits in some categories. These categories may be numerical or graphic. Each category has a specific meaning and the rater expresses his reaction about the traits of the person being assessed through these categories. These ratings are then statistically analysed and a conclusion about the personality of the person is reached. However, assessment of personality through rating scales depends on the following factors:

- a) Rating scale being used should be sound and each category included in it should be defined clearly besides the rater should have exact knowledge of it.
- b) Rater should know the person being assessed or rated.
- c) Rater should have the ability to avoid halo effect and other sorts of biases which sway the judgement in one direction (positive or negative).

4.5.2 Interview

Of all the techniques of personality assessment interview is the most widely used techniques. Interview involves recording of reactions to the questions asked by the interviewee in a face to face situation. Interviews are usually of two types:

- a) structured interview, and
- b) unstructured interview.

In *structured interview* the questions asked by the interviewer are predecided. Even the order of presentation of questions, their language and the manner in which they are to be put to the subject are decided a priori. Thus structured interviews follow a standardised pattern. Biggest advantage of structured interview is that it allows comparative study of personality of different individuals since all of them are asked the same questions and in the same order. However this merit of structured interview turns into demerit when intensive drilling and analysis of personality is required. Since the language, order and number of questions are predecided it does not allow interviewer to ask supplementary questions aimed at deeper probing.

Unstructured interview allows interviewer to ask questions as he thinks fit depending on how the interview progresses. Language of questions, their number and the manner of asking questions all depend on the understanding of the interviewer. Unstructured interviews are mostly used for clinical purposes to diagnose the problems or abnormality in the personality of the individual as these are free of the constraints of structured interviews.

4.6 LET US SUM UP

In this unit we tried to make you understand the meaning of assessment. We discussed theoretical and practical purpose and significance of personality assessment. I tried

to make you understand all this through example. Then we discussed personality inventories, their meaning, origin of personality inventories. This was followed by brief details of different types of inventories like Cattell's Sixteen P.F. Questionnaire, Bell adjustment inventory etc. We also discussed the merits and demerits of personality inventories. Discussion of inventories led us to discuss another technique of personality assessment i.e. projective technique. In projective techniques we acquainted you with the principle of projection. We tried to understand projection through example. We discussed various types of projective techniques in detail along with example of each type. An evaluative discussion on projective technique also took place. In the last we studied observational method of personality assessment. In it we discussed rating scales and interview as tool of personality assessment. We also discussed types of interview along with their merit and demerit.

4.7 UNIT END QUESTIONS

- 1) What do you understand by the term personality assessment? Discuss with example.
- 2) What are personality inventories? Discuss their merits and demerits.
- 3) What do you understand by the principle of projection? Discuss how it works.
- 4) Discuss in detail different types of projective techniques.
- 5) Do you think observational method of personality assessment is sufficient? Comment

4.8 SUGGESTED READINGS

Anastasi, Anne and Urbina, Subana (1997). *Psychological Testing* (7th edition). Prentice Hall, New Jersey.

Freeman, Frank, S.(1953). *Theory and Practice of Psychological Testing*. Pitman, London.