

National Institute of Open Schooling
Secondary
Lesson 3 – Individual Differences
Worksheet-3

1. It is often said that no two individuals are exact duplicates; they differ from each other in some way or the other. Explain the concept of “individual differences” using examples from your surroundings.
2. Collect the height (cm/inch) of at least 50 people from any health care service. Arrange the data in ascending order and prepare a graph representing the data. Observe and comment on the pattern of the graph.
3. “Individual differences occur due to interaction of genetic and environmental factors”. Discuss the given statement.
4. In order to be useful for the purpose of drawing inferences about the person being tested, it is necessary that the test should be reliable, valid and standardized. Explain the three important properties – reliability, validity and standardization – of an assessment tool.
5. Intelligence has been given various definitions. Write any three definitions of intelligence and explain how they differ from each other.
6. Using the formula of Intelligence quotient, calculate the variables in the following questions;
 - a. An individual’s mental age is 13 and CA is 10, calculate the IQ of this individual.
 - b. Renu is 7 year old and her IQ is 105. Calculate Renu’s mental age (MA). (Ignore the digits after the decimal).
7. Write the full name of the following tests and also explain what they assess;
 - a. DAT
 - b. GATB
 - c. ASVAB
8. We all use the term ‘personality’ in day-to-day life. But in psychology, personality has some unique definitions and perspectives explaining it. Explain the meaning of the term ‘personality’ and the different perspectives of personality.
9. Assessment of personality is a very important aspect. In your opinion, which method of personality assessment is the most reliable? Support your answer with reasons.

10. Categorize the following tests into self-report measure, projective tests, observation measures –

Thematic Apperception Test, NEO-PI-R, e Bell Adjustment Inventory, Maslow Security-Insecurity Inventory, Multiphase Personality Inventory, Rorschach Ink Blot Test