Homework 01

Due Sunday September 2 by 11:59 pm

Key

Q1. Informed decision making is slowly but surely gaining traction in healthcare. In order to investigate the potential of educational training material (brochures, pamphlets, CDs) etc., five patients were asked to participate in a study. The patients had to answer questions related to the disease before and after undergoing the educational training. The pre and post test scores of the five patients are provided in the excel sheet and shown below. Draw a graph of the pre and post test scores of the patients that conveys the message on whether the educational materials were effective or not. Use any of the charting tools provided in excel and write a brief paragraph discussing the why you used the tool to represent the data.

Will be graded as part of HW03.

Q2. For the following images, note which of the 5 gestalt principles discussed in class in represented, and provide a brief description of how the principle is applicable to the image? Note you can have more than one per image.

|  |  |  |
| --- | --- | --- |
| Image | Gestalt Principle | Description |
|  |  |  |
| 30 points | Continuation  Closure | Appears that the bird is in flight  H and C are incomplete but perceived as complete |
|  |  |  |
| 30 points | Closure  Proximity/Similarity | The 4 different objects are perceived as a single cube.  The similar shapes and clustering assist in perceiving a cube like object. |
|  |  |  |
| 40 points | Figure-Ground  Closure  Similarity | The white on black colors are perceived as ground and figure on the top and bottom halves.  Closure/continuity the person object although split is perceived as a whole  The tear drop objects in white are perceived as part of an arch above the person object. |