

APPENDIX - IV

BENDER GESTALT TEST

Scoring Procedure (On the lines of Koppitz)

During the course of copying the designs or making responses, only clear cut deviations are scored, either present or absent is scored as 'One' or 'Zero' respectively. As the present scoring system is designed for young children, the minor deviations in copying the designs are ignored. All the nine designs are scored are described as follows.

All scores are added into a total score, thus maximum obtainable score for any child is 30, whereas the minimum is zero. Since, this visual motor coordination test is scored for errors a high score indicates a poor performance, on the other hand a low score is the mirror of good performance.

A	1	2
Direction of Shape: If the shape of circle is attached to the rectangle, it is taken as distortion shape.	Distortion of Shape: When five or more dots are converted into circle , provide score 1 (here enlarged dots and dashes are not considered as distortion)	Rotation: Even stimulus card or figure is copied correctly and if it is rotated by more than 45 degree assign score 1.
	Rotation: If the stimulus card is rotated by 45 degree or more even if copied correctly, provide score 1	Integration: When there is no integration is drawing rows of circle or when one or two rows of circle are omitted or there are more than four circles in the majority of columns, assign score 1
	perseveration: When more than 15 dots are drawn in a row depicting the long chain of dots, provide score 1.	
a. When square or circle or both are excessively flattened, give score 1.		Perservation: When there are more than 14 columns of circles in a row, assign

score 1.

b. When there is disproportion between size of square and circle, give score 1.

Rotation: When the whole figure or any of its part is rotated by more than 45 degree, give score 1.

Integration : When there is disintegration between circle and square, curve and adjacent corner of square more than 1/ith or an inch or there is overlapping give score 1.

Maximum obtainable score = 6

Maximum obtainable score = 3

Maximum obtainable score 3

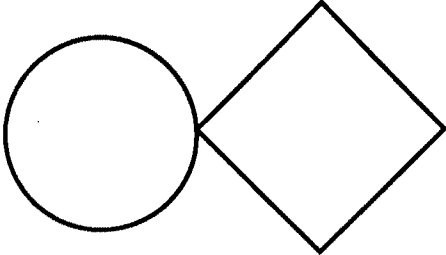

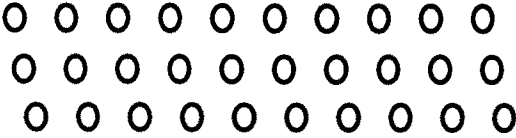
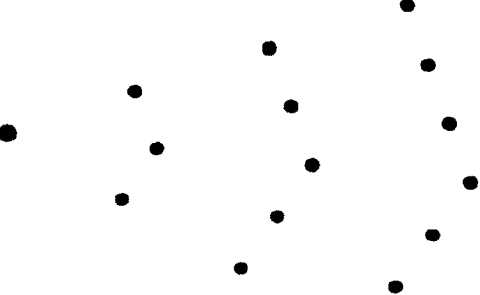
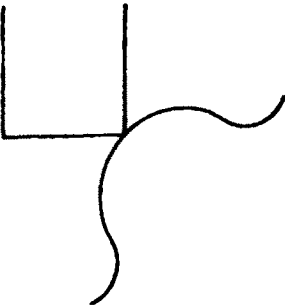
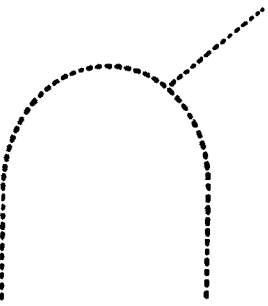
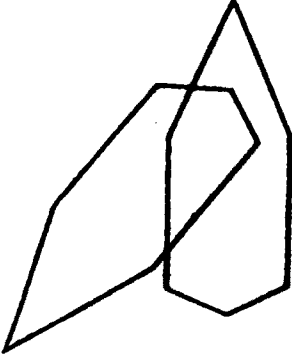
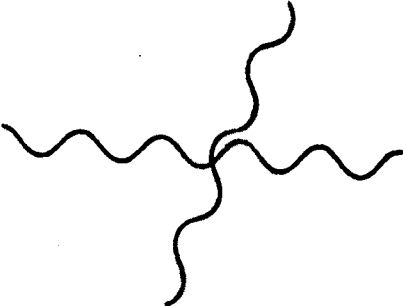
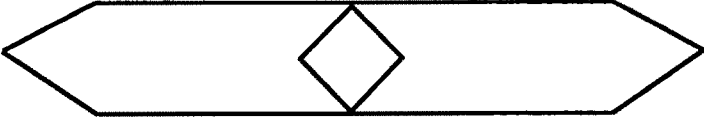
A	1	2
<p>Duration of shape: When more than 5 dots are converted in to circle, the distortion of shape is scored as 1. However, enlarged dots, dashes or partially filled circle are to be ignored,.</p> <p>Rotation: When the exis of the figure is rotated by 45 degree or more, even if copied correctly, it is to be scored 1.</p> <p>Loss of the shape of the Design: When shape of design is lost or shape of arrow head is reversed or non recognizeble or signle of</p>	<p>Rotation : if figure or part of it is even copied correctly, and is rotated by 45 degree or more, the score of 1 is marked.</p> <p>Integration: The scored as 1 when the curve and adjacent corner is more than 1/8th of an inch a part. Overlapping and touching of the curve is also considered here as lack of integration.</p>	<p>Distortion of shape: When more than 5 dots are converted into circle distortion takes place and it is to be scored as 1. However, enlarged dots or partially filled circle are to be ignored.</p> <p>Rotation: When total figure is rotated by more than 45 degree, the score 1 is to be given.</p> <p>Shape of Design Lost When the shape of design is lost by cogglomeration of dots, straight line or circle of dots instead of arc or extension cuts</p>

<p>dots occur, the score of 1 is to be marked .</p> <p>Lines for Dots:</p> <p>When there is a continuous line instead of the row of dots, the same is scored as 1 as lack of integration.</p>		<p>through arc, the score of 1 is to be assigned.</p> <p>Lines for Dots:</p> <p>When continuous lines are in arc or extension or both or line substitutes the dots the same is scored as 1.</p>
Maximum obtainable score = 2	Maximum obtainable score = 2	Maximum obtainable score = 2

A	1	2
<p>Distortion of shape : If curves are substituted by more than 3 angles the score of 1 is to be given.</p> <p>If the curve is not drawn and a straight line exists, score 1 is to be given.</p> <p>Integration: When two lines do not cross at the extreme end, the score 1 is to be given.</p> <p>Perservation: When there are more than six senuscridal curves in either direction, score of 1 is to be given.</p>	<p>Distortion of the shape: When there is distortion of the shape in terms of incorrect angles, the score of 1 is to be assigned.</p> <p>When there are disproportionate size of drawing or excessively misshapen, or there are extra or missing angles, the score of 1 is to be assigned.</p> <p>Rotation: When entire figure or any part of it is rotated more than 45 degree, the score of 1 is to be assigned.</p> <p>Integration: When hexagons do not overlap or overlap excessively, it is shows the lack of integration and is scored as 1. It also scored when one fully penetrates the other.</p>	<p>Distortion of shape: When the hexagons are excessively misshapen or extra or missing angles are omitted, score 1 is to be provided.</p> <p>Rotation: When the figure is rotated more than 45 degree or more, the score of 1 is to be given even if the design is correctly copied.</p>
Maximum obtainable score = 4	Maximum obtainable score = 4	Maximum obtainable score = 4

Thus, Bender Gestalt Test measures the visual acuity, intellectual impairment, maturational level and growth factors shaping the visual motor perception of a child as well as adult. A child's score on test can be compared with other children of the same chronological age and grade level. It is also used successfully in studying various emotional disturbances and neurological impairment.

Bender Gestalt Test

<div>BGT A</div> <div></div>	<div>BGT 1</div> <div></div>
<div>BGT 2</div> <div></div>	<div>BGT 3</div> <div></div>
<div>BGT 4</div> <div></div>	<div>BGT 5</div> <div></div>
<div>BGT 6</div> <div></div>	<div>BGT 7</div> <div></div>
<div>BGT 8</div> <div></div>	