Topics Covered in the Architecture Math Placement Test

- Lines and Angles

- Polygons

- Circles: basic properties, radius, diameter, tangent, chord, arc, secant, area, perimeter

- Triangles: basic properties, types, proportionality theorem, similarity and congruency of triangles, orthocenter, centroid, Pythagorean theorem

- Quadrilaterals: basic properties, types, trapezium, parallelogram, rhombus, rectangles and square

- Mensuration: two-dimensional and three-dimensional figures (perimeter, area, volume)

- Spatial Visualization

- Geometric Transformation: symmetry, rotation, reflection

- Proportionality