INDEX TO DEFINITIONS

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Cyclic quadrilateral : A quadrilateral of which all the vertices
are on the circumference of the same circle
Diagonal :- A st. line joining opposite vertices of a rectifineal
figure 17
Diameter of a circle : A chord passing through the centre 17
Equilateral triangle :- $\Lambda \bigtriangleup$ having three equal sides
Escribed circle of a triangle: -A circle which is tonched by one
side of $\mathbf{a} \bigtriangleup$ and by the other two sides produced
External segments of a line :- The distances from the two ends of
a line to a point taken in the line produced
Figure : Any combination of points, lines, surfaces and solids
Geometric mean : The second of three terms that are in continued
proportion
Hypotenuse: - The side opposite the rt. Z in a rt Z in
Hypothesis :- The part of a proposition in which the conditions
that are supposed to exist are stated
Incommensurable magnitudes : Magnitudes that have no com-
mon measure however small
Indirect method of demonstration :- Method of proof that begins
by assuming that the proposition to be proved is not true
Inscribed Circle:—A circle that is within a closed, rectificat
figure, and which is touched by caen side of the ngare for
Internal segments of a line :- The distances from the ends of a
line to a point in the line
Isosceles triangle :- A \triangle having two equal sides
Line :- That which has length, but neither breadth not the knews all
Locus : - A figure consisting of a line (or lines) which contains an
the points that satisfy a given condition, and no others
Major arc of a circle :- An arc that is greater than half the eir-
cumference
Major segment . a circle :- A segment of which the are is a
major are
Means of a proportion :- The second and third of four magnitudes
that are in proportion
Mean proportional : The second of three magnitudes that are m
continued proportion
Median :- A st. line drawn from any vertex of a \triangle to the minute 20
point of the opposite side
Minor arc of a circle : An are that is less than half the oremp-
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