

Name of students:

Roll no:

Match the followings:

a) LSA of triangular Prism:	$2\pi r$
b) TSA of triangular Prism:	πr^2
c) Volume of triangular Prism:	$2\pi r h$
d) Area of equilateral triangle:	$\pi r^2 h$
e) Area of isosceles triangle:	$\frac{4}{3}\pi r^3$
f) Area of right- angled triangle:	$p \times h$
g) Area of scalene triangle:	$3\pi r^2$
h) Perimeter of equilateral triangle:	$p \times h + 2 \times A$
i) Semi-perimeter of triangle:	$\pi r l$
j) CSA of cylinder:	$A \times h$
k) TSA of cylinder:	$\frac{b}{4}\sqrt{4a^2 - b^2}$
l) Volume of cylinder:	$2\pi r^2$
m) Area of circle:	$3a$
n) Perimeter of circle:	$\frac{1}{3}\pi r^2 h$
o) Surface area of sphere:	$2\pi r(r + h)$
p) Volume of sphere:	$\pi r(r + l)$
q) CSA of hemisphere:	$\frac{2}{3}\pi r^3$
r) TSA of hemisphere:	$\frac{1}{2}(b \times h)$
s) Volume of hemisphere:	$\frac{\sqrt{3} a^2}{4}$
t) CSA of cone:	$\frac{a+b+c}{2}$
u) TSA of cone:	$4\pi r^2$
v) Volume of cone:	$\sqrt{s(s-a)(s-b)(s-c)}$