

Mathematics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	In which quadrat all trigonometric ration are positive?	A. I B. II C. III D. IV
2	$1+\cot^2 \theta$	A. $\sin^2 \theta$ B. $\cos^2 \theta$ C. $\operatorname{cosec}^2 \theta$ D. $\sec^2 \theta$
3	$1+\tan^2 \theta = \dots$	A. $\sin^2 \theta$ B. $\cos^2 \theta$ C. $\operatorname{co sec}^2 \theta$ D. $\sec^2 \theta$
4	$\sin^2 \theta + \cos^2 \theta = \dots$	A. $\tan^2 \theta$ B. $\cos^2 \theta$ C. 1 D. 0
5	In which quadrant 0 lie when $\sin \theta < 0, \sec \theta < 0$?	A. I B. II C. III D. IV
6	In which quadrant 0 lie when $\operatorname{co sec} \theta < 0, \cos \theta < 0$?	A. I B. II C. III D. IV
7	In which quadrant 0 lie when $\cos \theta < 0, \tan \theta < 0$?	A. I B. II C. III D. IV
8	In which quadrant 0 lie when $\sec \theta < 0, \sin \theta < 0$?	A. I B. II C. III D. IV
9	In which quadrant 0 lie when $\cos \theta < 0, \sin \theta < 0$?	A. I B. II C. III D. IV
10	In which quadrant 0 lie when $\sin \theta > 0, \tan \theta < 0$?	A. I B. II C. III D. IV
11	In which quadrant only $\tan \theta$ and $\cot \theta$ are positive.	A. I B. II C. III D. IV
12	In which quadrant only $\cos \theta$ and $\sec \theta$ are positive?	A. I B. II C. III D. IV
13	In which quadrant only $\sin \theta$ and $\operatorname{co sec} \theta$ are positive?	A. I B. II C. III D. IV
14	$\operatorname{co sec} 60^\circ = \dots$	A. 1/2 B. $\sqrt{3}/2$ C. 2 D. $2/\sqrt{3}$
15	$\cot 60^\circ = \dots$	A. 1/2 B. $\sqrt{3}/2$ C. $\sqrt{3}$ D. $1/\sqrt{3}$

