

Mathematics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	Power set of empty set.	A. \emptyset B. {a} C. $\{\emptyset, \{a\}\}$ D. $\{\emptyset\}$
2	A set having only one member.	A. Empty set B. Power set C. Singleton set D. Sub set
3	A set containing no element is called.	A. subset B. Empty set C. Singleton set D. Super set
4	Collection of distinct objects.	A. Subset B. Power set C. Set D. None of the
5	The number of elements of the power set {a,b} are.	A. 1 B. 2 C. 3 D. 4
6	The number of elements in the power set of {1,2,3,4}.	A. 4 B. 8 C. 16 D. 0
7	$\sec(-60^\circ) = \dots$	A. $-\sec 60^\circ$ B. $\sec 60^\circ$ C. $\cos 60^\circ$ D. $\cot 60^\circ$
8	$\sin(-310^\circ) = \dots$	A. $\sin 310^\circ$ B. $-\sin 310^\circ$ C. $\cos 310^\circ$ D. $\tan 310^\circ$
9	Angles between 0° and 90° are to which quadrant?	A. I B. II C. III D. IV
10	Angles between 180° and 270° are to which quadrant?	A. I B. II C. III D. IV
11	$\tan \theta, \cot \theta = \dots$	A. 1 B. $\sec \theta$ C. 1 D. 0
12	$\cos \theta, \sec \theta = \dots$	A. 1 B. $\tan \theta$ C. 0 D. $\cos \theta$
13	$\sin \theta, \cosec \theta = \dots$	A. 1 B. 0 C. $\sin \theta$ D. $\cos \theta$
14	Which is one is a quadrant angle?	A. 30° B. 45° C. 60° D. 90°
15	Fundamental trigonometric ratios are.	A. 3 B. 4 C. 5 D. 6

