

Mathematics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	In degree measurement, 1° is equal to:	A. 1° B. 60° C. 90° D. 360°
2	$\operatorname{Cosec}^2\theta - \cot^2\theta = \dots$	A. -1 B. 1 C. 0 D. $\tan\theta$
3	$\sin\theta \cos\theta = \dots$	A. $\sin\theta$ B. $1/\cos\theta$ C. $1/\sin\theta$ D. $\sin\theta/\cos\theta$
4	$1/2 \operatorname{sec} 45^{\circ}$	A. $1/2\sqrt{2}$ B. $1/\sqrt{2}$ C. $\sqrt{2}/2$ D. $\sqrt{3}/2$
5	$1/(1+\sin\theta) + 1/(1-\sin\theta)$	A. $2\sec^2\theta$ B. $2 \cos^2\theta$ C. $\operatorname{Sec}^2\theta$ D. <p class="MsoNormal">cosθ<!-- [endif]--><!-- [endif]--><o:p></o:p></p></p>
6	$\operatorname{Sec}^2\theta = \dots$	A. $1 - \sin^2\theta$ B. $1 + \tan^2\theta$ C. $1 + \cos^2\theta$ D. $1 - \tan^2\theta$
7	If $\tan\theta = \sqrt{3}$, then θ is equal to	A. 90° B. 45° C. 60° D. 30°
8	$3\pi/4$ radians =	A. 115° B. 135° C. 150° D. 30°
9	$20^{\circ} = \dots$	A. 360° B. 630° C. 1200° D. 3600°
10	The system of measurement in which the angle is measured in radian is called.	A. CGS system B. Sexagesimal system C. Circular system D. MSK system
11	The union of two noncollinear rays, which have common endpoint is called	A. An angle B. A degree C. A minute D. A raiam
12	$\sum_{x=1}^{\infty} [(x-1) \cdot x] = \dots$	A. 0 B. 1 C. -1 D. 2
13	Rang =	A. $X_m + X_o$ B. $X_m - X_o$ C. X_m / X_o

D. $\frac{\sum o}{m}$

14 Types of dispersion are.....

- A. 4
- B. 5
- C. 6
- D. 8

15 Arithmetic mean of 34,34,34,34,34,34 is.

- A. 0
- B. 34
- C. 6
- D. 170