

Reasoning Sample Questions Set 13

Q. The HCF of two numbers is 44 and LCM is 264. If first number is 88 then second number is?

- (A) 147
- (B) 528
- (C) 132
- (D) 264

Answer: C

Q. The correct order of following numbers

- (A) 1
- (B) 3
- (C) 5
- (D) 7

Answer: B

Q. If $a = 4.965$, $b = 2.343$ and $c = -2.622$, then value of " $a^3 - b^3 - c^3 - 3abc$ " will be?

- (A) -2
- (B) -1
- (C) 0
- (D) 1.1312

Answer: C

Q. If the product of first fifty consecutive integers is divisible by 7^n . Then largest possible value of n will be? [Where n is an integer].

- (A) 8
- (B) 7
- (C) 9
- (D) 10

Answer: A

Q. The ratio of radius of two spheres is 2: 3. The ratio of their volumes is?

- (A) 2: 3
- (B) 4: 9
- (C) 27: 16
- (D) 8: 27

Answer: D

Q. If $0 < \theta < 90^\circ$, and $\tan \theta + \cot \theta + \cot \theta = 2$ then value of $\tan^5 \theta + \cot^5 \theta$ will be?

- (A) 0
- (B) 2
- (C) 4
- (D) 8

Answer: B

Q. If the sum of interior angles of regular polygon is equal to two times the sum of exterior angles of that polygon, the polygon has _____sides.

- (A) 5
- (B) 6
- (C) 7
- (D) 8

Answer: B

Q. Numbers from 1 to 23 are written in order as "1234567891011 212223", the remainder when above number is divided by '8'?

- (A) 1
- (B) 3
- (C) 5
- (D) 7

Answer: A

Q. Find the odd one in series?

2, 3, 5, 7, 11, 13, 17, 21, 23

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- (A) 17
- (B) 21
- (C) 23
- (D) 13

Answer: B

Q. Two coins are tossed the probability of getting one head and one tail is-----

- (A) $\frac{3}{4}$
- (B) $\frac{1}{3}$
- (C) $\frac{1}{2}$
- (D) $\frac{1}{4}$

Answer: C

Q. If the order of English alphabet is reverse, then which letter will be 6th from the left from right end?

- (A) H
- (B) J
- (C) K
- (D) I

Answer: D