

## JAYAKRISHNAN EDUTIPS

## **DAILY QUANT QUIZ**

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to 2017.

Number of products /

उत्पादन की संख्या

14000

12000

10000

8000

6000

4000

2000

2013



players) in a factory during the period from 2013

□Tvs / टीवी

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■DVD players / डीवीडी प्लेयर

## Friday, 10 January 2025

1. A shopkeeper bought 30 kg of rice at the rate carefully and answer the questions based on it. of ₹ 70 per kg and 20 kg of rice at the rate of ₹ 70.75 per kg. If he mixed the two brand of rice The following bar chart shows the number of the and sold the mixture at ₹ 80.50 per kg, his gain production of electronic items (TVs and DVD

is: **(A)** ₹ 510

**(B)** ₹ 525

**(C)** ₹ 485

**(D)** ₹ 450

2. A sphere is cut into two hemispheres. One of them is used as bowl. It takes 8 bowlfuls of this to fill a conical vessel of height 12 cm and radius 6 cm. The radius of the sphere (in centimetre) will be:

(A) 3

**(B)** 2

(C)4

**(D)** 6

3. If the altitude of an equilateral triangle  $12\sqrt{3}$ cm, then its area (in cm<sup>2</sup>) would be:

(A) 12

**(B)** 72

(C)  $36\sqrt{3}$ 

**(D)**  $144\sqrt{3}$ 

7. The total number of production of electronic items is maximum in the year:

2015

Years / वर्ष

2014

(A) 2013

**(B)** 2014

2016

2017

**(D)** 2017

4. If the volume of a sphere is numerically equal (C) 2015 to its surface area then its diameter is:

(A) 4 cm

(B) 2 cm

(C) 3 cm

**(D)** 6 cm

8. The ratio of production of DVD players in the year 2015 and 2017 is:

(A) 3 : 4

**(B)** 4:3

**(D)** 1:4

5. 2x - ky + 7 = 0 and 6x - 12y + 15 = 0 has no (C) 2:3

solution for:

**(A)** k = -4

**(B)** k = 4

**(C)** k = 1

**(D)** k = -1

9. The difference between averages of production of TVs and DVD players from 2013 to 2016 is:

(A) 600

**(B)** 700

6. If m = -4, n = -2, then the value of  $m^3 - 3m^2 + (C)$  800

 $3m + 3n + 3n^2 + n^3$  is:

(A) 124

**(B)** -124

**(C)** 126

**(D)** -126

**(D)** 900

10. The ratio of production of TVs in the years 2013 and 2014 is:

**(A)** 7:6

**(B)** 6:7

Directions (7-10): Study the following bar chart (C) 2:3

**(D)** 3:2

1-{A} - 2-{A} - 3-{D} - 4-{D}-5-{B}-6-{D}-7-{C}-8-{A}-9-{D}-10-{C}











