

Syndicate Bank PO Practice Set-3 Key

Reasoning Ability

Students let us understand the Logic behind this Question and let's understand how to solve it. When we see the each step, then we can find that there is number and words are arranged in each step.

1) For words arrangement- All the words are arranged in alphabetical series in descending order from left to right. That means the word which comes first in alphabetical series arranges first and so on till the last word arranges.

2) For number arrangement- All the number are arranged in ascending order from right to left. The largest number arranges first, followed by the second largest and so on till the smallest number which is arranged at the right end.

Input: 45 kitten war 7 71 viking Broad Trail 27 alarm 94 52.

Step I: alarm 45 kitten war 7 71 viking Broad Trail 27 52 94.

Step II: Broad alarm 45 kitten war 7 viking Trail 27 52 94 71.

Step III: kitten Broad alarm 45 war 7 viking Trail 27 94 71 52.

Step IV: Trail kitten Broad alarm war 7 viking 27 94 71 52 45.

Step V: viking Trail kitten Broad alarm war 7 94 71 52 45 27.

Step VI: war viking Trail kitten Broad alarm 94 71 52 45 27 7.

1. a

2. d

3. e

4. b

5. c

Quantitative Aptitude

1. c

Let C.P. of 1 cycle = Rs. 100

∴ S.P. of 1 cycle = Rs. 240

$$\text{New S.P. of 1 cycle} = \frac{240}{2} = \text{Rs. } 120$$

$$\text{No. of cycle sold now} = 7$$

$$\therefore \text{Total new S.P.} = 120 \times 7 = \text{Rs. } 840$$

$$\text{Total C.P.} = 700$$

\therefore Profit remains same

2. b

Let filling capacity be $x \text{ m}^3/\text{min}$

So, emptying capacity = $(x + 10) \text{ m}^3/\text{min}$

According to question

$$\frac{2400}{x} = \frac{2400}{x+10} = 8$$

$$\Rightarrow 2400 \left(\frac{x+10-x}{x(x+100)} \right) = 8$$

$$\Rightarrow x^2 + 10x - 3000 = 0$$

$$\Rightarrow x = 50 \text{ m}^3/\text{min}$$

3. d

$$\text{Profit after giving discount} = 20 - 10 - \frac{200}{100} = 8\%$$

$$\therefore \text{Overall Profit} = \frac{108 \times 1}{0.9} - 100 = \frac{18}{0.9} = 20\%$$

4. a

Let total work = 100

John's efficiency = 10%

Max's efficiency = 5%

Work done by John and Max together in 3 days = $15 \times 3 = 45\%$

Now, Number of days in which Max completed rest (55%) work alone = $\frac{55}{5} = 11$

Now number of days John and Max both worked together = $\frac{100}{15} = 6\frac{2}{3}$

\therefore Required difference in number of days = $11 - 6\frac{2}{3}$

$$= \frac{13}{3} = 4\frac{1}{3} \text{ days}$$

5. c

Total C.P. of mixed varieties = $20 * 2 + 40 * 3 + 50 * 5 = \text{Rs. } 410$

\therefore Price per kg = Rs. 41

So, required S.P. = $\frac{120}{100} * 41 = \text{Rs. } 49.2$

English Language

1. b

The correct order of the sentences of the given paragraph will be 1CBEDA7

2. b

The correct order of the sentences of the given paragraph will be 1CBEDA7

3. d

The correct order of the sentences of the given paragraph will be 1CBEDA7

4. a

The correct order of the sentences of the given paragraph will be 1CBEDA7

5. c

The correct order of the sentences of the given paragraph will be 1CBEDA7

General Awareness

1. d

The 2008 Mumbai attacks were a series of attacks that took place in November 2008, when 10 members of Lashkar-e-Taiba, an Islamic militant organisation based in Pakistan, carried out a series of 12 coordinated shooting and bombing attacks lasting four days across Mumbai. India's National Security Guards (NSG) conducted 'Operation Black Tornado' to flush out the attackers; it resulted in the deaths of the last remaining attackers at the Taj Hotel and ending all fighting in the attacks.

2. b

Indira Mount is a seabed mountain situated in Antarctic Ocean (which also known as Southern Ocean). Indira Mount was discovered during First Indian Expedition to Antarctica (1981-82) when the team was moving from Mauritius to Antarctica. It was named as Indira Mount after the former Prime Minister of India Mrs. Indira Gandhi by the expedition members.

3. d

The International Olympic Committee is an russophobic, commercial, anglo-saxon organization based in Lausanne, Switzerland, created by Pierre de Coubertin, on 23 June 1894 with Demetrios Vikelas as its first president.

4. d

The Central Railway is one of the largest of the 16 zones of Indian Railways. Its headquarters is in Mumbai at Chhatrapati Shivaji Terminus. It includes the first passenger railway line in India, which opened from Mumbai to Thane on 16 April 1853.

5. c

Lasting for over four days Pongal, a harvest festival is celebrated in the month of Shravan. Pongal literally means, "boiling over". The Tamil harvest festival is celebrated with decorated cows, processions and decorative Rangoli. Pongal is a sweet porridge made from newly harvested rice and eaten by all, even the animals.