

Q.24 Mirza Kamran was the brother of which Mughal emperor?

- Ans ☒ 1. Humayun
☒ 2. Akbar
☒ 3. Jahangir
☒ 4. Shah Jahan

Question ID : 264330105433
 Status : Answered
 Chosen Option : 1

Q.25 Which of the following folk dances is primarily performed in the Indian state of Bihar?

- Ans ☒ 1. Ghoomar
☒ 2. Kalbeliya
☒ 3. Bidesia
☒ 4. Kummatti

Question ID : 26433064292
 Status : Answered
 Chosen Option : 3

Section : Quantitative Aptitude

Q.1 The radius of a right circular cylinder is thrice of its height. If the height of the cylinder is 2.1 cm, then what is the volume of cylinder?

- Ans ☒ 1. 224.65 cm³
☒ 2. 194.72 cm³
☒ 3. 324.86 cm³
☒ 4. 261.95 cm³

Question ID : 264330105886
 Status : Answered
 Chosen Option : 4

Q.2 5 men and 8 women can complete a work in 12 days working together, while 3 men and 7 women together can complete the same work in 15 days. In how many days will 11 women complete the same work?

- Ans ☒ 1. 12
☒ 2. 8
☒ 3. 6
☒ 4. 16



Question ID : 26433076404
 Status : Answered
 Chosen Option : 1

Q.3 Study the given table and answer the question that follows.

The daily wages of 50 employees of a company is shown in the table.

Daily wages Interval	Frequency (No. of Employee)
80-90	9
90-100	3
100-110	31
110-120	5
120-130	2

Select the correct statement from the following options.

- Ans ☒ 1. The average wage of the employees lie between 80-90.
☒ 2. The average wage of the employees lie between 110-120.
☒ 3. The average wage of the employees lie between 100-110.
☒ 4. The average wage of the employees lie between 90-100.

Question ID : 26433082690
 Status : Answered
 Chosen Option : 3

Q.4 If $\frac{k - \cot^2 30^\circ}{1 + \cot^2 30^\circ} = \sin^2 60^\circ + 4 \tan^2 45^\circ - \operatorname{cosec}^2 60^\circ$, then the value of k (correct to two decimal places) is:

- Ans ☒ 1. 5.55
☒ 2. -6.83
☒ 3. -5.58
☒ 4. 6.83

Question ID : 26433075027
 Status : Answered
 Chosen Option : 2

Q.5 A man bought a watch for 12% discount. If he had bought it for 24% discount, he would have got the watch for ₹2400 less. The marked price of the watch is:

- Ans ☒ 1. ₹30,000
☒ 2. ₹22,500
☒ 3. ₹20,000
☒ 4. ₹25,000

Question ID : 26433076270
 Status : Answered
 Chosen Option : 3

Q.6 If the price of salt decreases by 20%, then by what percentage should consumption be increased to keep the expenditure same?

- Ans ☒ 1. 26%
☒ 2. 27%
☒ 3. 25%
☒ 4. 24%

Question ID : 26433075876
 Status : Answered
 Chosen Option : 3

Q.7 A solid copper sphere of radius 9 cm is hammered and moulded into a wire of radius 2 cm. What is the length of this wire?

- Ans
- ☒ 1. 224 cm
 - ☒ 2. 183 cm
 - ☒ 3. 198 cm
 - ☒ 4. 243 cm

Question ID : 26433063972
Status : Answered
Chosen Option : 4

Q.8 Which smallest positive number should be subtracted from each of 9 and 13 so that 18 is the third proportion to them?

- Ans
- ☒ 1. 2
 - ☒ 2. 4
 - ☒ 3. 3
 - ☒ 4. 1

Question ID : 26433063942
Status : Answered
Chosen Option : 4

Q.9 A company employed 700 men and 300 women and the average wage was Rs.450 per day. If a man got Rs.50 more than a woman, then the daily wage of the woman is:

- Ans
- ☒ 1. Rs.350
 - ☒ 2. Rs.375
 - ☒ 3. Rs.415
 - ☒ 4. Rs.435

Question ID : 26433061129
Status : Answered
Chosen Option : 4

Q.10 A,B,C are three angles of a triangle. If $A - B = 45^\circ$ and $B - C = 15^\circ$ then $\angle A = ?$

- Ans
- ☒ 1. 83°
 - ☒ 2. 85°
 - ☒ 3. 95°
 - ☒ 4. 75°

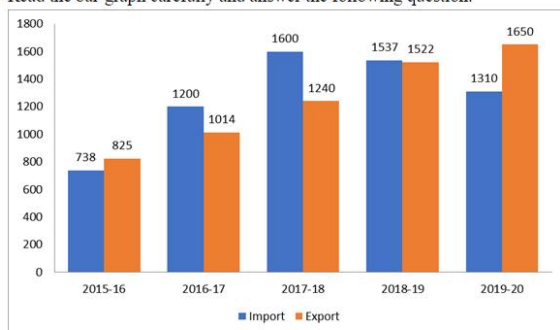
Question ID : 26433075420
Status : Answered
Chosen Option : 3

Q.11 If $8a^3 + 27b^3 = 16$ and $2a + 3b = 4$, then find the value of $16a^4 + 81b^4$.

- Ans
- ☒ 1. 26
 - ☒ 2. 30
 - ☒ 3. 28
 - ☒ 4. 32

Question ID : 26433083026
Status : Not Answered
Chosen Option : --

Q.12 The import and export of a country (in lakhs rupees) during a certain period of time is given in the following bar-graph.
Read the bar-graph carefully and answer the following question.



What is the average of exports during the given period of time?

- Ans** ☒ 1. Rs.1,250.2 lakhs
☒ 2. Rs.1,240.0 lakhs
☒ 3. Rs.1,248.2 lakhs
☒ 4. Rs.1,115.4 lakhs

Question ID : 26433080346
 Status : Answered
 Chosen Option : 1

Q.13 If the cost price is 72% of the selling price, then what is the percentage of profit?
 (Correct to 2 decimal places)

- Ans** ☒ 1. 38.89%
☒ 2. 35.75%
☒ 3. 32.25%
☒ 4. 28.75%

Question ID : 26433063691
 Status : Answered
 Chosen Option : 1

Q.14 What would be the compound interest on Rs.15,750 at 20% per annum, in two years, if the interest is compounded half yearly?

- Ans** ☒ 1. Rs.5,213.25
☒ 2. Rs.3,307.5
☒ 3. Rs.7,305.975
☒ 4. Rs.7,309.575

Question ID : 26433092147
 Status : Answered
 Chosen Option : 3

Q.15 एक पुलिसकर्मी को 500 m की दूरी पर चेन स्त्रैचर दिखाई देता है। वह 5m/s की चाल से दौड़ रहे चेन स्त्रैचर का पीछा करना शुरू कर देता है, जबकि पुलिसकर्मी 15 m/s की चाल से उसका पीछा कर रहा होता है। जब चेन स्त्रैचर को पुलिसकर्मी द्वारा पकड़ा जाता है, तब तक चेन स्त्रैचर कितनी दूरी तय कर चुका होगा?

- Ans** ☒ 1. 200 m
☒ 2. 180 m
☒ 3. 150 m
☒ 4. 250 m

Question ID : 26433083048
 Status : Not Answered
 Chosen Option : --

Q.16 A number when divided by 7 leaves remainder of 4. If the square of the same number is divided by 7, then what is the remainder?

- Ans**
- ☒ 1. 3
 - ☒ 2. 1
 - ☒ 3. 4
 - ☒ 4. 2

Question ID : 26433063767
Status : Answered
Chosen Option : 4

Q.17 The given table shows the number of new employees joined in different categories of employees in an organisation and also the number of employees from these categories who left the organisation every year since the foundation of the organisation in 2015. Study the table and answer the question that follows.

Year	Business Analysts		Accountants		Sales Representatives		Peons	
	Joined	Left	Joined	Left	Joined	Left	Joined	Left
2015	80	0	35	0	50	0	73	0
2016	63	21	26	16	46	20	34	23
2017	78	28	15	5	38	15	48	29
2018	42	39	20	38	34	0	14	12
2019	67	44	14	24	22	30	21	30

During the years given, what is the difference between the total number of Business Analysts who joined the organisation and the total number of Sales Representatives who joined the organisation?

- Ans**
- ☒ 1. 141
 - ☒ 2. 140
 - ☒ 3. 142
 - ☒ 4. 143

Question ID : 26433085490
Status : Answered
Chosen Option : 2

Q.18 If $\cot B = 9$, then what will be the value of $\sec^2 B$?

- Ans**
- ☒ 1. 98/81
 - ☒ 2. 92/81
 - ☒ 3. 42/81
 - ☒ 4. 82/81

Question ID : 264330105906
Status : Answered
Chosen Option : 4

Q.19 मान लीजिए O एक वृत्त का केंद्र है और P वृत्त के बाहर एक बिंदु है। यदि PAB, वृत्त का एक छेदक है जो वृत्त को A और B पर काटता है और PT, P से खींची गई स्पर्शरेखा है, तो PT की लंबाई ज्ञात कीजिए।
PA = 3 cm और AB = 9 cm है।

- Ans
- ☒ 1. $3\sqrt{3}$ cm
 - ☒ 2. $4\sqrt{3}$ cm
 - ☒ 3. 6 cm
 - ☒ 4. 8 cm

Question ID : 26433075218
Status : Answered
Chosen Option : 3

Q.20 The value of 95×105 is:

- Ans
- ☒ 1. 9981
 - ☒ 2. 9935
 - ☒ 3. 9965
 - ☒ 4. 9975

Question ID : 26433079802
Status : Answered
Chosen Option : 4

Q.21 The LCM of two numbers is 120 and the numbers are in the ratio 3 : 8. The sum of the numbers will be:

- Ans
- ☒ 1. 48
 - ☒ 2. 55
 - ☒ 3. 45
 - ☒ 4. 60

Question ID : 26433075092
Status : Answered
Chosen Option : 2

Q.22 Simplify the following:

$$\frac{\cos x - \sqrt{3}\sin x}{2}$$

- Ans
- ☒ 1. $\cos\left(\frac{\pi}{3} - x\right)$
 - ☒ 2. $\sin\left(\frac{\pi}{3} + x\right)$
 - ☒ 3. $\cos\left(\frac{\pi}{3} + x\right)$
 - ☒ 4. $\sin\left(\frac{\pi}{3} - x\right)$

Question ID : 26433061938
Status : Answered
Chosen Option : 1

Q.23 Find the value of the following expression.

$$12^3 + (-8)^3 + (-4)^3$$

- Ans
- ☒ 1. 952
 - ☒ 2. 1152
 - ☒ 3. 1052
 - ☒ 4. 852

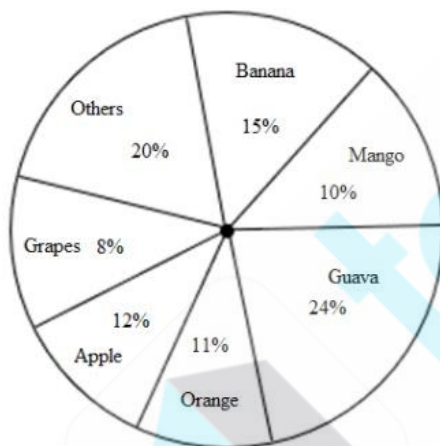
Question ID : 26433079814
Status : Answered
Chosen Option : 2

Q.24 Suppose $\triangle ABC$ be a right-angled triangle where $\angle A = 90^\circ$ and $AD \perp BC$. If area ($\triangle ABC$) = 80 cm^2 and $BC = 16 \text{ cm}$, then the length of AD is:

- Ans
- ☒ 1. 10 cm
 - ☒ 2. 24 cm
 - ☒ 3. 18 cm
 - ☒ 4. 12 cm

Question ID : 26433075400
Status : Answered
Chosen Option : 1

Q.25 The following pie chart represents the percentage-wise weight distribution of different fruits out of 2500 kg of fruits at one fruit shop.



What is the difference between the weights of banana and orange at the fruit shop?

- Ans
- ☒ 1. 125 kg
 - ☒ 2. 100 kg
 - ☒ 3. 50 kg
 - ☒ 4. 75 kg

Question ID : 26433080248
Status : Answered
Chosen Option : 2

Q.1 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. Shalini was scrolling down the phone screen while waiting for her friend.
 B. Her friend brought a bouquet for Shalini from the market place.
 C. When her friend arrived, they went to the market place.
 D. The market place was thronging with people.

- Ans ☒ 1. BACD
☒ 2. DACB
☒ 3. ABCD
☒ 4. ACDB

Question ID : 26433072376
 Status : Answered
 Chosen Option : 4

Q.2 Select the most appropriate meaning of the given idiom.

Cut a poor figure

- Ans ☒ 1. In a poor state
☒ 2. To put a good impression
☒ 3. To put a bad impression
☒ 4. Bad physical form

Question ID : 26433072220
 Status : Answered
 Chosen Option : 3

Q.3 Rearrange the parts of the sentence in correct order.

- A 2007–2009 study
 P. explored forward thinking techniques
 Q. to synchronise time on board deep
 R. space probes for accurate navigation, in
 S. particular looking into low-cost options

- Ans ☒ 1. RSPQ
☒ 2. PSRQ
☒ 3. SPRQ
☒ 4. PQRS

Question ID : 264330104650
 Status : Answered
 Chosen Option : 1

Q.4 Select the correct passive form of the given sentence.
 The indentured labourers fix the roads.

- Ans ☒ 1. The roads was fixed by indentured labourers.
☒ 2. The roads were fixed by indentured labourers.
☒ 3. The roads are fixed by indentured labourers.
☒ 4. The roads were being fixed by indentured labourers.

Question ID : 264330104555
 Status : Answered
 Chosen Option : 2