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ICAR Assistant

**Previous Year Paper
29 July 2022 Shift 4
(English)**



Test Date	29/07/2022
Test Time	6:00 PM - 7:00 PM
Subject	Assistant

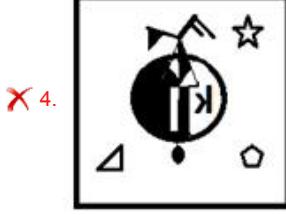
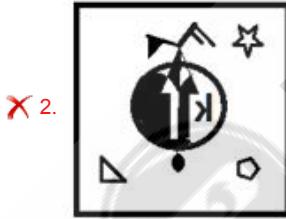
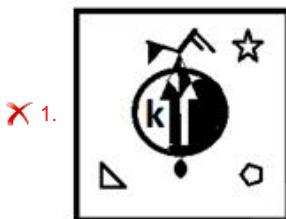
Section : General Intelligence and Reasoning

Q.1 Select the correct mirror image of the given figure when the mirror is held at the right side.

Problem Figure:



Ans



Question ID : 1841224423

Status : Answered

Chosen Option : 3



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Q.2 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(16, 264, 288)
(12, 150, 168)

Ans 1. (9, 90, 98)
 2. (4, 18, 24)
 3. (6, 42, 48)
 4. (15, 230, 260)

Question ID : 1841224407

Status : Answered

Chosen Option : 2

Q.3 Four word-pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

Ans 1. Tram : Conductor
 2. Bus : Driver
 3. Car : Chauffeur
 4. Aeroplane : Pilot

Question ID : 1841224406

Status : Answered

Chosen Option : 1

Q.4 The following are the criteria for selecting a graphic designer for the ABC Media company. The candidates must:

(a) have Degree in graphic design with more than 50%.
(b) be less than 28 years of age as on 31st October 2022.
(c) have at least 3 years of experience as a graphic designer.

However, if the candidate fulfils all the above criteria, EXCEPT:

(d) at (a), but has five years of experience as a graphic designer at any reputed projects his/her case is to be referred to the Director, Product Development.
(e) at (b), if the candidate fulfils (a) and (c) but from reserved category, his/her case to be forwarded to Director, Recruitment.

Based on the above information, decide whether the following candidate is eligible for the recruitment process and select your answer from the given options. You should NOT assume anything other than the information provided.

Harpreeet Kaur is a graduate from Graphic Design from NIFT and had obtained 70% marks in the final year. She has three years of experience as a graphic designer and product development. She was born on 22nd March 1993. What decision would be taken in her case?

Ans 1. She would not be selected.
 2. Her case is to be referred to the Director, Product Development.
 3. She would be selected.
 4. His case is to be referred to the Director, Recruitment..

Question ID : 1841224420

Status : Not Answered

Chosen Option : --



Q.5 Which two numbers should be interchanged to make the following equation correct?

$$104 \div 8 - 16 + 18 \times 26 = 132$$

Ans 1. 16 and 26
 2. 16 and 18
 3. 8 and 26
 4. 8 and 16

Question ID : 1841224414

Status : Answered

Chosen Option : 1

Q.6 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.

$$(97*19)*13*18*24$$

Ans 1. $\div + x =$
 2. $- \div + =$
 3. $x + \div =$
 4. $+ \div x =$

Question ID : 1841224413

Status : Answered

Chosen Option : 2

Q.7 Which of the given statements are true?

ZC, CF, (EL), FO, IU, KX, (LD), OG

Ans 1. Both the bracketed letters are correct.
 2. The first bracketed letter is correct and the second bracketed letter is incorrect.
 3. Both the bracketed letters are incorrect.
 4. The first bracketed letter is incorrect and the second bracketed letter is correct.

Question ID : 1841224408

Status : Not Answered

Chosen Option : --

Q.8 Seven friends, Amandeep, Bidisha, Jafar, Sukesh, Vikas, Wayne and Yatin are sitting in a row in a movie hall facing South. Bidisha and Wayne are not sitting together. Jafar is sitting second to the left of Sukesh. Amandeep is not sitting with Jafar. Sukesh is sitting fourth to the right of Vikas. Amandeep and Bidisha are not sitting together. Only Vikas is sitting between Wayne and Yatin. Yatin is sitting second to the left of one who is sitting second to the left of Amandeep. Name two persons who are sitting at the extreme ends.

Ans 1. Vikas and Yatin
 2. Amandeep and Bidisha
 3. Amandeep and Wayne
 4. Jafar and Sukesh

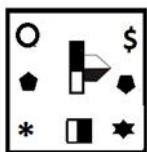
Question ID : 1841224411

Status : Not Answered

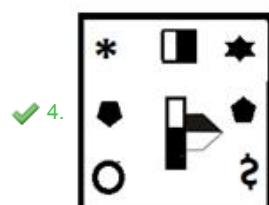
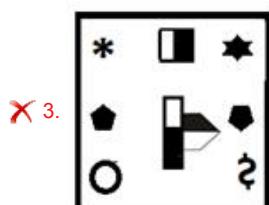
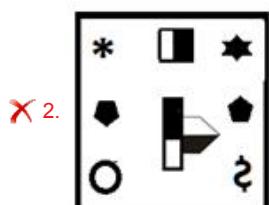
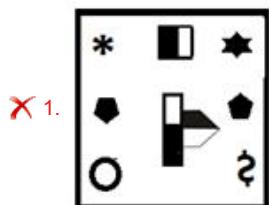
Chosen Option : --



Q.9 Which of the option figures represents the correct water image of the figure given below?



Ans



Question ID : 1841224424

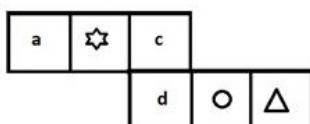
Status : Answered

Chosen Option : 4

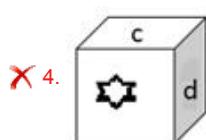
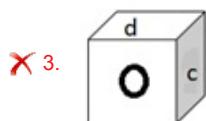
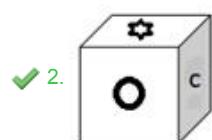
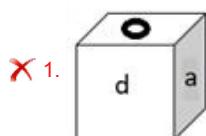


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Q.10 Select the box that CANNOT be formed by folding the given sheet along the lines.



Ans



Question ID : 1841224428

Status : Answered

Chosen Option : 2

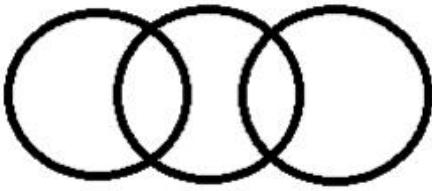


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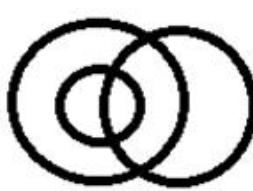
Q.11 Choose the Venn diagram from the given options which represents the correct relationship amongst the following classes:

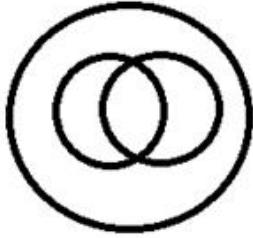
Lawyers, Sisters, Women

Ans

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 

Question ID : 1841224422

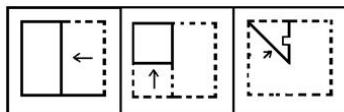
Status : Answered

Chosen Option : 3

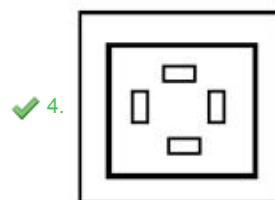
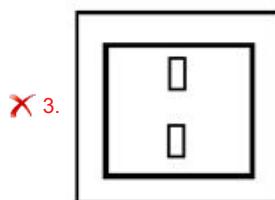
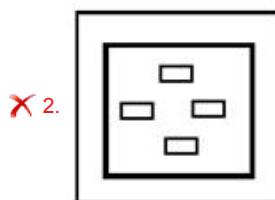
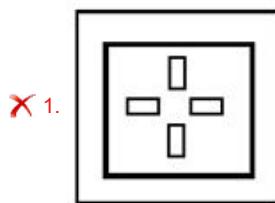


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Q.12 The sequence of folding a piece of paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?



Ans



Question ID : 1841224427

Status : Answered

Chosen Option : 4

Q.13 If $T = 50$, $CAN = 45$, then 'FEAT' will be equal to?

Ans ✗ 1. 90

✗ 2. 70

✓ 3. 80

✗ 4. 64

Question ID : 1841224418

Status : Not Answered

Chosen Option : --



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Q.14 Select the number from among the given options that can replace the question mark (?) in the following series.

297, 249, 214, ?, 175, 167, 164, 164

Ans 1. 170

2. 200

3. 190

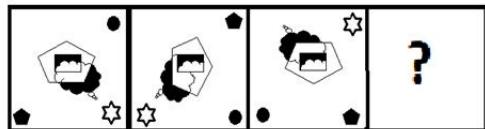
4. 179

Question ID : 1841224409

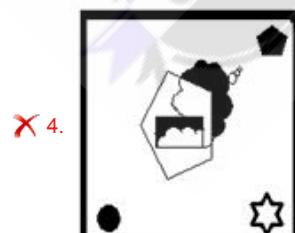
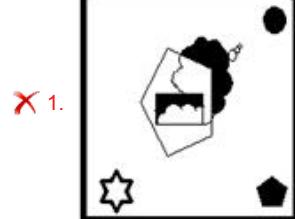
Status : Answered

Chosen Option : 3

Q.15 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans



Question ID : 1841224410

Status : Answered

Chosen Option : 3



Q.16 Three statements are followed by two conclusions, numbered I and II. Find out which conclusion(s) is (are) true based on the given statements.

Statements:

1. $K \geq G$,
2. $R \leq S$,
3. $G=S > V$

Conclusions:

I. $V < K$

II. $G \geq R$

Ans 1. Only statement I is true.
 2. Neither statements I nor II is true.
 3. Both statements I and II are true.
 4. Only statement II is true.

Question ID : 1841224415

Status : Answered

Chosen Option : 3

Q.17 Given below is the address of Hotel Gateway.

There are four alternatives provided. Of these only one matches while others have some mistakes. Choose the one which is exactly the same as the one given below.

Hotel Gateway
121, G S Road, Christian-basti, Guwahati 781005 India

Ans 1. Hotel Gateway
121, G S Road, Christian-basti, Guwahati- 781005, India
 2. Hotel Gateway
121, G S Road, Christian-basti, Guwahati, 781005 India
 3. Hotel Gateway,
121, G S Road, Christianbasti, Guwahati 781005 India
 4. Hotel Gateway
121, G S Road, Christian-basti, Guwahati 781005 India

Question ID : 1841224419

Status : Answered

Chosen Option : 4

Q.18 Four different positions of the same dice are shown. Select the number that will be on the face opposite to the one having '1'.



Ans 1. 2
 2. 4
 3. 3
 4. 5

Question ID : 1841224425

Status : Not Answered

Chosen Option : --



Q.19 In a certain code language,

$A + B$ means 'A is the father of B'

$A - B$ means 'A is the daughter of B'

$A \times B$ means 'A is the wife of B'

$A \div B$ means 'A is the son of B'

Based on the above, which of the equation depicts Z is the son-in-law of S?

Ans 1. $Z \div V + T - S \times W$

2. $T \div V + Z - S \times W$

3. $V + W \div T - Z \times S$

4. $Z + V \div T - W \times S$

Question ID : 1841224417

Status : **Answered**

Chosen Option : 4

Q.20 If the letters given below are arranged from left to right in the ascending order of their position in the ENGLISH Alphabetical order, then what meaningful word, from the given options, can be formed using from left the 1st, 2nd, 3rd, 5th, 10th and 12th letters? All the letters must be used and each letter must be used only once.

HIALNBCSERMOZWVJX

Ans 1. ANCHOR

2. BLEACH

3. BRANCH

4. CHAIRS

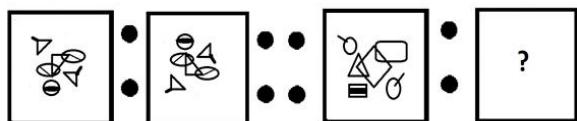
Question ID : 1841224416

Status : **Not Answered**

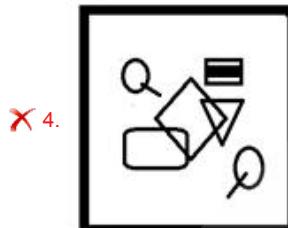
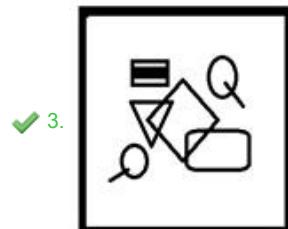
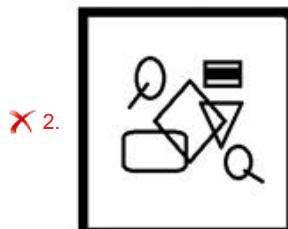
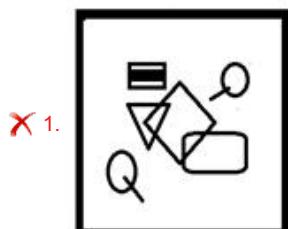
Chosen Option : --



Q.21 Select the option that is related to the third figure in the same way as the second figure is related to the first figure.



Ans



Question ID : 1841224405

Status : Not Answered

Chosen Option : --



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Q.22 Two statements are given followed by four conclusions I, II, III and IV. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statement.

Statements:

- 1. Some stickers are post-its.
- 2. Some post-its are memos.

Conclusions:

- I. No sticker is a memo.
- II. Some memos are post-its.
- III. Some stickers are memos.
- IV. No post-it is a sticker.

Ans 1. Both conclusions I, and IV follow.

2. Only conclusion II and either conclusion I or III follows.

3. Both conclusions I and III follow.

4. Either conclusion I or IV follows.

Question ID : 1841224421

Status : Not Answered

Chosen Option : --

Q.23 Select the option that is related to the third number in the same way as the second number is related to the first number.

78 : 138 :: 143 : ? :: 195 : 345

Ans 1. 240

2. 241

3. 223

4. 253

Question ID : 1841224404

Status : Not Answered

Chosen Option : --

Q.24 A charitable dispensary has OPDs of different doctors- Cardiologist, Dermatologist, Endocrinologist, Gynaecologist, Internal medicine, Ophthalmologist and Urologist on different days of the week starting on Monday and ending on Sunday.

- a. Dermatologist has an OPD on Thursday.
- b. Only one doctor has an OPD between Dermatologist and Ophthalmologist.
- c. Endocrinologist has an OPD on the day immediately before Urologist and only two doctors have OPDs between Endocrinologist and Dermatologist.
- d. Only one doctor has an OPD between Gynaecologist and Cardiologist.
- e. Gynaecologist has an OPD on the last day of the week.
- f. Urologist do not have an OPD just before Dermatologist.

On what day is the OPD for Endocrinologist's schedule?

Ans 1. Monday

2. Wednesday

3. Friday

4. Tuesday

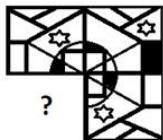
Question ID : 1841224412

Status : Not Answered

Chosen Option : --



Q.25 Select the figure from the options that can replace the question mark (?) and complete the given pattern.



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 1841224426

Status : **Answered**

Chosen Option : 4

Section : General Awareness

Q.1 In which union territory was north India's first industrial biotech park inaugurated in May 2022?

Ans

- 1. Chandigarh
- 2. Ladakh
- 3. Delhi
- 4. Jammu and Kashmir

Question ID : 1841224431

Status : **Not Answered**

Chosen Option : --

Q.2 With which dance form was the classical dancer Srimanta Sankardev associated?

Ans

- 1. Kuchipudi
- 2. Kathak
- 3. Sattriya
- 4. Bharatnatyam

Question ID : 1841224439

Status : **Not Answered**

Chosen Option : --



Q.3 Who among the following can prorogue the Rajya Sabha?

Ans 1. Deputy Chairman of Rajya Sabha
 2. Chairman of the Rajya Sabha
 3. Secretary-General of Rajya Sabha
 4. President of India

Question ID : 1841224453

Status : Not Answered

Chosen Option : --

Q.4 With reference to India's freedom struggle, which of the following days was celebrated as Purna Swaraj Day?

Ans 1. 26 January, 1930
 2. 15 August, 1929
 3. 15 August, 1930
 4. 26 January, 1929

Question ID : 1841224435

Status : Not Answered

Chosen Option : --

Q.5 Which among the following terms best describes the entire content of a living cell which includes cytoplasm and the nucleus?

Ans 1. Protoplasm
 2. Endoplasmic reticulum
 3. Lymphocyte
 4. Golgi complex

Question ID : 1841224449

Status : Not Answered

Chosen Option : --

Q.6 What is the length of the rail network planned to be brought under 'Kavach' for safety and capacity augmentation during the financial year 2022-23?

Ans 1. 1,000 km
 2. 2,000 km
 3. 3,000 km
 4. 4,000 km

Question ID : 1841224445

Status : Not Answered

Chosen Option : --

Q.7 Identify the Padma Shri 2022 awardee who is a veterinarian and had carried out the first in vitro fertilisation (IVF) of a buffalo calf in the world in 1990.

Ans 1. Aditya Prasad Dash
 2. Anil Kumar Rajvanshi
 3. Ajay Kumar Sonkar
 4. Moti Lal Madan

Question ID : 1841224430

Status : Not Answered

Chosen Option : --

Q.8 As of June 2022, individuals whose annual taxable income exceeds ₹10 crore have to pay _____ surcharge on income tax.

Ans 1. 3.5%
 2. 4.7%
 3. 4.5%
 4. 3.37%

Question ID : 1841224443

Status : Not Answered

Chosen Option : --

Q.9 With which dance form is the noted actress Vyjayantimala Bali mainly associated?

Ans 1. Kathak
 2. Bharatanatyam
 3. Kathakali
 4. Sattriya

Question ID : 1841224438

Status : Not Answered

Chosen Option : --

Q.10 Who among the following played a crucial role in removing obstacles to the marriage of widows which ultimately resulted in the enactment of a law in this regard in 1856?

Ans 1. Gadadhar Chattopadhyaya
 2. Ishwar Chandra Vidyasagar
 3. Dayanand Saraswati
 4. Helena Petrovna Blavatsky

Question ID : 1841224436

Status : Not Answered

Chosen Option : --

Q.11 Which of the following Articles of the Constitution of India confers ancillary powers to the Supreme Court of India?

Ans 1. Article 130
 2. Article 150
 3. Article 120
 4. Article 140

Question ID : 1841224451

Status : Answered

Chosen Option : 4

Q.12 The Second Battle of Panipat was fought between Hem Chandra Vikramaditya and:

Ans 1. Aurangzeb
 2. Sikander Lodi
 3. Akbar
 4. Sher Shah Suri

Question ID : 1841224434

Status : Answered

Chosen Option : 3



Q.13 In which of the following cities did Ananth Technologies set up a spacecraft manufacturing unit, which was inaugurated in June 2022 by the ISRO chairman?

Ans 1. Ahmedabad
 2. Hyderabad
 3. Bengaluru
 4. Pune

Question ID : 1841224429

Status : Not Answered

Chosen Option : --

Q.14 As per Union Budget 2022-23, 'One class-One TV channel' programme of PM eVIDYA will be expanded to _____ TV channels.

Ans 1. 250
 2. 200
 3. 150
 4. 300

Question ID : 1841224442

Status : Not Answered

Chosen Option : --

Q.15 As per Article 24 of the Constitution of India, 'No child below the age of _____ shall be employed to work in any factory or mine or engaged in any other hazardous employment'.

Ans 1. eighteen years
 2. seventeen years
 3. sixteen years
 4. fourteen years

Question ID : 1841224452

Status : Answered

Chosen Option : 4

Q.16 What is the name of the national portal for credit-linked government schemes launched by the Prime Minister in June 2022?

Ans 1. Jan Vikas Portal
 2. Jan Suvidha Portal
 3. Jan Samarth Portal
 4. Jan Sahayak Portal

Question ID : 1841224432

Status : Not Answered

Chosen Option : --

Q.17 Which country did India beat in the final to win the inaugural FIH Hockey 5s championship?

Ans 1. Malaysia
 2. Pakistan
 3. Poland
 4. Switzerland

Question ID : 1841224433

Status : Not Answered

Chosen Option : --



Q.18 As per United Nations projections, on the current path of carbon dioxide emissions, temperature could increase by as much as _____ by the end of the 21st century.

Ans 1. 1.4°C
 2. 2.4°C
 3. 4.4°C
 4. 3.4°C

Question ID : 1841224446

Status : Not Answered

Chosen Option : --

Q.19 Who wrote 'Sangeet Ratnakar', one of the treatises on Indian classical music recognised as the basis for Hindustani and Carnatic music?

Ans 1. Bharata
 2. Shringadev
 3. Matanga
 4. Haripala

Question ID : 1841224440

Status : Not Answered

Chosen Option : --

Q.20 Which of the given statements is/are correct?

1. The Governor of a State is a citizen of India.
2. The minimum age requirement for becoming the Governor of a State is 30 years.
3. The emoluments and allowances of the Governor of a State can be diminished during his term of office.

Ans 1. Only 2
 2. Only 1
 3. Only 1 and 2
 4. 1, 2 and 3

Question ID : 1841224450

Status : Answered

Chosen Option : 3

Q.21 In which state of India is the Harappan site of Dholavira situated?

Ans 1. Punjab
 2. Uttar Pradesh
 3. Gujarat
 4. Haryana

Question ID : 1841224437

Status : Answered

Chosen Option : 3

Q.22 Who among the following scientists invented the first long-lasting incandescent light bulb?

Ans 1. Michael Faraday
 2. Enrico Fermi
 3. Thomas Edison
 4. Neils Bohr and Ernest Rutherford

Question ID : 1841224448

Status : Answered

Chosen Option : 3



Q.23 As per All India Religion Census Data 2011, approximately how much per cent of the Indian population practices Islam?

Ans 1. 14.23 %
 2. 16.23 %
 3. 20.23 %
 4. 18.23 %

Question ID : 1841224444

Status : Answered

Chosen Option : 3

Q.24 As per United Nations, the Earth is now about _____ warmer than it was in the 1800s.

Ans 1. 2.1°C
 2. 3.1°C
 3. 1.1°C
 4. 0.5°C

Question ID : 1841224447

Status : Not Answered

Chosen Option : --

Q.25 As of 15 June 2022, as per Reserve Bank of India declared rates, the fixed reverse repo rate in India is _____.

Ans 1. 2.35%
 2. 4.35%
 3. 3.35%
 4. 1.35%

Question ID : 1841224441

Status : Not Answered

Chosen Option : --

Section : Quantitative Aptitude

Q.1 Simplify: $\left[\frac{1+x}{1-x} + \frac{4x}{1+x^2} - \frac{1-x}{1+x} + \frac{8x^3}{1-x^4} \right] \div \frac{x^4+1}{1-x^2}$

Ans 1. $\frac{8x}{1-x^4}$
 2. $\frac{4x}{1+x^4}$
 3. $\frac{8x}{1+x^4}$
 4. $\frac{4x}{1-x^8}$

Question ID : 1841224474

Status : Not Answered

Chosen Option : --



Q.2 The income of A is 40% more than the income of B, and the expenditure of B is $66\frac{2}{3}\%$ that of A. If the expenditure of A is equal to 1.25 times the income of B, then what is the ratio of savings of A and B?

Ans 1. 7 : 6
 2. 5 : 4
 3. 8 : 5
 4. 9 : 10

Question ID : 1841224459

Status : Answered

Chosen Option : 4

Q.3 The ratio of acid and water in solution A is 5 : 4 and 7 : 11 in solution B. 10 litres of A is mixed with 8 litres of B. In 324 ml of the resulting solution, how much water (in ml) should be added to get a solution containing $33\frac{1}{3}\%$ acid?

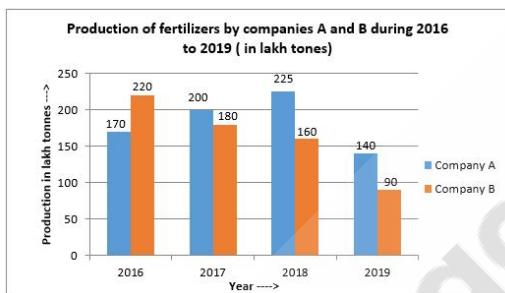
Ans 1. 145
 2. 148
 3. 144
 4. 162

Question ID : 1841224456

Status : Not Answered

Chosen Option : --

Q.4 Study the following bar graph and answer the question



The total production of fertilizers by company A in 2017 and 2019 is what percent of the total production of fertilizers by company B in 2016, 2018 and 2019? (correct to one decimal place)

Ans 1. 70.2 %
 2. 68.1 %
 3. 71.5 %
 4. 72.3 %

Question ID : 1841224473

Status : Answered

Chosen Option : 4



Q.5 A trader sells 25% of his goods at 40% profit, 40% of the remaining goods at 10% loss, and 20% of the remaining at the cost price. At what per cent profit should he sell the remaining to earn a 15% profit in the whole transaction?

Ans 1. $21\frac{1}{9}\%$

2. $23\frac{1}{3}\%$

3. $21\frac{1}{4}\%$

4. $22\frac{2}{9}\%$

Question ID : 1841224460

Status : Not Answered

Chosen Option : --

Q.6 The speeds of train A and train B are 46.8 km/h and 61.2 km/h, respectively. The lengths of A and B are in the ratio 3 : 5. When running in the opposite direction. They cross each other completely in 12 seconds. How much time (in seconds) will train B take to cross a 336 m long tunnel?

Ans 1. 30

2. 35

3. 28

4. 33

Question ID : 1841224468

Status : Answered

Chosen Option : 4

Q.7 A car travels at 45 km/h for $2\frac{1}{3}$ hours, at 40 km/h for next $3\frac{1}{2}$ hours and at 60 km/h for another $4\frac{1}{6}$ hours. What is the average speed (in km/h) of the car for the entire journey?

Ans 1. 49.5

2. 47.4

3. 48.3

4. 47.2

Question ID : 1841224455

Status : Not Answered

Chosen Option : --

Q.8 A shopkeeper gains 20 % by selling an article when he gives 30 % discount on its marked price. If the cost price of the article is increased by 20 % and he still wants to earn a profit of 12 % then how much discount percent should he give now on the same marked price?

Ans 1. 20.5 %

2. 19.5 %

3. 21.6 %

4. 19.8 %

Question ID : 1841224463

Status : Not Answered

Chosen Option : --



Q.9 Rama's age, 5 years hence, will be one year less than twice the age of Kapil at that time. Kapil's age, 7 years hence, will be equal to $\frac{2}{3}$ rd of Rama's present age. What is the difference (in years) between the present ages of Rama and Kapil?

Ans 1. 13
 2. 18
 3. 16
 4. 17

Question ID : 1841224476

Status : Not Answered

Chosen Option : --

Q.10 A, B and C invest their capitals in the ratio $\frac{2}{5} : \frac{3}{4} : \frac{5}{8}$. After 3 months, A increased his capital by 25% and B decreased his capital by 20% and C does not make any change in his investment. What is the share (in Rs.) of C in the total profit of Rs. 2,16,840 after one year?

Ans 1. 79,560
 2. 59,280
 3. 78,000
 4. 72,800

Question ID : 1841224465

Status : Not Answered

Chosen Option : --

Q.11 A cylindrical vessel of radius 16 cm contains water to a depth of 20 cm. A solid spherical metallic ball is dropped into the vessel which is fully submersed and raises the level of the water in the vessel by 9 cm. What is the surface area (in cm^2) of the ball? (Assume no overflow of water)

Ans 1. 288π
 2. 784π
 3. 324π
 4. 576π

Question ID : 1841224478

Status : Not Answered

Chosen Option : --

Q.12 The ratio of efficiencies of A and B is 9 : 7. Working together, they can complete a certain work in $5\frac{1}{4}$ days. A alone completed $\frac{3}{7}$ part of the work and B alone completed the remaining work. The total number of days in which the entire work got completed is:

Ans 1. $10\frac{5}{14}$
 2. $9\frac{3}{14}$
 3. $10\frac{6}{7}$
 4. $12\frac{5}{7}$

Question ID : 1841224470

Status : Answered

Chosen Option : 3

Q.13 If $x = \alpha$ and $y = \beta$ satisfy the equations $5x + 9y = 37xy$ and $4x - 7y = -13xy$, $x \neq 0, y \neq 0$,

then what is the value of $\alpha^{-2} + \beta^{-2} - (\alpha\beta)^{-1}$?

Ans 1. 5

2. 7

3. 9

4. 11

Question ID : 1841224475

Status : Not Answered

Chosen Option : --

Q.14 In 2020, the population of village A was 25% more than that of village B and the population of village C was 20% more than that of B. In 2021, the population of A increased by 20%, that of B decreased by 10% and that of C decreased by 5%. If the total population of A, B and C in 2021 was 56,640, then what was the population of C in 2020?

Ans 1. 19,200

2. 20,000

3. 16,000

4. 24,800

Question ID : 1841224457

Status : Not Answered

Chosen Option : --

Q.15 The amount of a certain sum in 2 years at 20 % p.a. is Rs. 7776, interest compounded yearly. What will be the amount

of the same sum in $1\frac{1}{2}$ years at the same rate of interest, compounded half yearly? (Nearest to a Rs.)

Ans 1. Rs. 7,187

2. Rs. 7,178

3. Rs. 7,285

4. Rs. 7,085

Question ID : 1841224467

Status : Not Answered

Chosen Option : --

Q.16 Study the following table and answer the question:

The table shows the Revenue and Expenditure of companies A and B during the years 2017 to 2020 (in Rs. crores)

Year	Company A		Company B	
	Revenue	Expenditure	Revenue	Expenditure
2017	350	240	420	310
2018	400	300	450	320
2019	450	275	480	400
2020	525	350	540	450

In 2021, the revenue of company A increased, over 2020, by the same percentage as in 2020 over its preceding year, and its expenditure increased, over 2020, by 30 %. If Profit = Revenue – Expenditure, then the profit earned by company A in 2021 exceeds the profit earned by company B in 2020 by Rs. x crores. The value of x lies between.

Ans 1. 70 and 75

2. 65 and 70

3. 55 and 60

4. 60 and 65

Question ID : 1841224472

Status : Not Answered

Chosen Option : --



Q.17 Study the following table and answer the question:

The tables shows the Revenue and Expenditure of companies A and B during the years 2017 to 2020 (in Rs. crores)

Year	Company A		Company B	
	Revenue	Expenditure	Revenue	Expenditure
2017	350	240	420	310
2018	400	300	450	320
2019	450	275	480	400
2020	525	350	540	450

The average expenditure (per year) of company B during 2017 to 2020 is what per cent less than the average revenue of company A during 2017 to 2019?

Ans 1. 7.5 %
 2. 8.9 %
 3. 5 %
 4. 10 %

Question ID : 1841224471

Status : Answered

Chosen Option : 1

Q.18 What is the sum of the digits of the least 5-digit number which when divided by 10, 14, 16 and 35, the remainder in each is 1 and the number is divisible by 19?

Ans 1. 14
 2. 16
 3. 13
 4. 17

Question ID : 1841224454

Status : Not Answered

Chosen Option : --

Q.19 A sum of Rs. 9600 amounts to Rs. 11616 in $2\frac{1}{2}$ years at simple interest. What will be the amount of the same sum at $\frac{3}{4}$ th of the earlier rate in $5\frac{1}{2}$ years?

Ans 1. Rs. 12,926.40
 2. Rs. 13,203.20
 3. Rs. 14,035.20
 4. Rs. 13,480.80

Question ID : 1841224466

Status : Not Answered

Chosen Option : --

Q.20 The sides of a triangular park are in the ratio 12 : 17 : 25 and its perimeter is 648 m. At each corner of the park, there is a flower bed in the form of a sector of radius 35 m. What is the area (in m^2) of the remaining part of the park?

(Take $\pi = \frac{22}{7}$)

Ans 1. 9,180
 2. 9,210
 3. 9,220
 4. 11,035

Question ID : 1841224477

Status : Not Answered

Chosen Option : --



Q.21 In a year, out of 240 games to be played, a cricket team wants to win 80% of them. Out of 65% of the games already played, the success rate was 75%. What should be the success rate for the remaining games to reach the target?

Ans 1. 88.4 %
 2. 90.2%
 3. 87.8%
 4. 89.3 %

Question ID : 1841224458

Status : Not Answered

Chosen Option : --

Q.22 The cost price of a computer is Rs. 4500 less than the cost price of a TV. The TV is sold at a profit of 10 % and computer is sold for Rs. 24500. If there is a profit of 20 % in the whole transaction, then what is the selling price of the TV?

Ans 1. Rs. 25,300
 2. Rs. 24,640
 3. Rs. 25,080
 4. Rs. 24,750

Question ID : 1841224461

Status : Not Answered

Chosen Option : --

Q.23 What is the ratio of the fourth proportional to 2, 5, 4 and the mean proportional between 2.5 and 0.016?

Ans 1. 5 : 1
 2. 10 : 1
 3. 50 : 1
 4. 25 : 1

Question ID : 1841224464

Status : Answered

Chosen Option : 3

Q.24 The marked price of an article is Rs. x . A shopkeeper sells it by giving two successive discounts of 15 % and 10 %. If payment is made by a credit card, a further 5 % discount is also allowed. A customer buys it using credit card for Rs. 697.68. What is the value of x ?

Ans 1. 960
 2. 980
 3. 920
 4. 950

Question ID : 1841224462

Status : Answered

Chosen Option : 1



Q.25 Pipe A can fill a tank in 12 hours. Pipe B can fill $33\frac{1}{3}\%$ part of the same tank in 6 hours, whereas pipe C alone can empty full tank in x hours. When all the three pipes are opened together, $\frac{13}{15}$ part of the tank is filled in 12 hours. How much time (in hours) will A and C together take to fill 40 % part of the tank?

Ans 1. 32

2. 24

3. 28

4. 20

Question ID : 1841224469

Status : Not Answered

Chosen Option : --

Section : English Comprehension

Q.1 Select the most appropriate option to fill in the blank.

Once you sign the agreement, you won't be able to back _____ the scheme.

Ans 1. up with

2. out for

3. up to

4. out of

Question ID : 1841224480

Status : Answered

Chosen Option : 4

Q.2 Select the most appropriate direct form of the given sentence.

Deepa told me that their neighbour's dog had attacked the plumber when he had been repairing the overhead tank the previous day.

Ans 1. Deepa said to me, "Their neighbour's dog had attacked the plumber when he had been repairing the overhead tank the previous day."

2. Deepa said to me, "Our neighbour's dog attacked the plumber when he was repairing the overhead tank yesterday."

3. Deepa said to me, "Our neighbour's dog attacked the plumber when he had repaired the overhead tank yesterday."

4. Deepa said to me, "Their neighbour's dog had attacked the plumber when he was repairing the overhead tank yesterday."

Question ID : 1841224484

Status : Answered

Chosen Option : 2

Q.3 Select the most appropriate option to fill in the blank.

Neha comes back from swimming at 7 o'clock, has her dinner at 8 o'clock and then _____ for two hours.

Ans 1. studies

2. study

3. has studied

4. is studying

Question ID : 1841224485

Status : Answered

Chosen Option : 1



Q.4 Select the most appropriate option to substitute the underlined word in the given sentence. If there is no need to substitute it, select 'no substitution required'.

He thinks that wearing a formal dress to work gives a good notion to the client.

Ans 1. outlook
 2. no substitution required
 3. response
 4. impression

Question ID : 1841224492

Status : Answered

Chosen Option : 4

Q.5 Select the most appropriate option to fill in the blank.

When I _____ him last, he was busy in painting a mural on the wall of a temple.

Ans 1. was meeting
 2. met
 3. have met
 4. meet

Question ID : 1841224486

Status : Answered

Chosen Option : 2

Q.6 Select the most appropriate synonym of the word given in the brackets to fill in the blank.

The conference will _____ (culminate) with a vote of thanks to the participants and the chairperson.

Ans 1. conclude
 2. begin
 3. commence
 4. open

Question ID : 1841224496

Status : Answered

Chosen Option : 1

Q.7 Select the most appropriate meaning of the given idiom.

One's gut feeling

Ans 1. A burden
 2. An instinct or intuition
 3. A factual opinion
 4. An illogical emotion

Question ID : 1841224494

Status : Answered

Chosen Option : 2



Q.8 Select the most appropriate phrase to fill in the blank.

"You can have my seat. I am _____ at the next stop," said a young girl to me in the local train.

Ans 1. getting in
 2. getting down
 3. getting away
 4. getting up

Question ID : 1841224482

Status : Answered

Chosen Option : 2

Q.9 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'no substitution required'.

Sachin Tendulkar is one of the greatest cricketers of our country, isn't it?

Ans 1. doesn't he
 2. is he
 3. no substitution required
 4. isn't he

Question ID : 1841224493

Status : Answered

Chosen Option : 4

Q.10 Select the correct passive form of the given sentence.

The government will spend a hundred crore in upgrading infrastructure of the hospitals.

Ans 1. A hundred crore will be spent in upgrading infrastructure of the hospitals.
 2. Upgrading infrastructure of the hospitals will be spent in a hundred crore.
 3. A hundred crore will have been spent in upgrading infrastructure of the hospitals.
 4. A hundred crore will be spending in upgrading infrastructure of the hospitals.

Question ID : 1841224489

Status : Answered

Chosen Option : 1

Q.11 Select the most appropriate option to fill in the blank.

Sunita had to wait at the Safderjung Hospital for two hours _____ her turn came to meet the doctor.

Ans 1. since
 2. before
 3. after
 4. unless

Question ID : 1841224481

Status : Answered

Chosen Option : 2



Q.12 Select the sentence part which has an error in spelling. If there is no error, select 'No error'.

Owing to their length of neck and long flexible tongues, giraffes are able to browse on tall trees.

Ans 1. giraffes are able to browse on tall
 2. No error
 3. Owing to the length of their neck
 4. and long flexible tongues

Question ID : 1841224497

Status : Answered

Chosen Option : 3

Q.13 Select the correct indirect form of the given sentence.

Kuhu said to her little sister, "I have brought a doll for you".

Ans 1. Kuhu told her sister that she had brought a doll for you.
 2. Kuhu told her sister that I have brought a doll for you.
 3. Kuhu told her sister that she had brought a doll for her.
 4. Kuhu told her sister that she has brought a doll for her.

Question ID : 1841224483

Status : Answered

Chosen Option : 3

Q.14 Select the most appropriate option to fill in the blank.

What _____ to their dog when they go for camping next week?

Ans 1. happened
 2. will happen
 3. had happened
 4. is happening

Question ID : 1841224487

Status : Answered

Chosen Option : 2

Q.15 Select the most appropriate option to fill in the blank.

You will strain _____ eyes if you read in bad light.

Ans 1. our
 2. your
 3. my
 4. yours

Question ID : 1841224479

Status : Answered

Chosen Option : 2



Q.16 Given below are four jumbled sentences. Select the option that gives their correct order forming a meaningful and coherent paragraph.

- A. The nobles became 'king makers' and the kings mere 'puppets' in their hands.
- B. He was supported by Zulfiqar Khan (wazir) who had the reins of the executive in his hands.
- C. After the death of Bahadur Shah, a new form of politics emerged in the Mughals' political sphere.
- D. Jahandar Shah was the first puppet ruler in Mughal India

Ans 1. CDAB
 2. BDAC
 3. CADB
 4. ADBC

Question ID : 1841224490

Status : Answered

Chosen Option : 3

Q.17 Select the sentence part which has an error in spelling. If there is no error, select 'No error'.

Our proposal is to moderate the sevearities of the law and not to alter its purpose.

Ans 1. Our proposal is to moderate
 2. No error
 3. the sevearities of the law
 4. and not to alter its purpose.

Question ID : 1841224498

Status : Not Answered

Chosen Option : --

Q.18 Select the most appropriate meaning of the given idiom.

Lend an ear

Ans 1. To not listen to someone
 2. To pay attention to
 3. To tell something
 4. To ask for something

Question ID : 1841224495

Status : Answered

Chosen Option : 2

Q.19 Select the most appropriate option to substitute the underlined word in the given sentence. If there is no need to substitute it, select 'no substitution required'.

This is the guide that guided us across Rome during the city tour.

Ans 1. what
 2. who
 3. which
 4. no substitution required

Question ID : 1841224491

Status : Answered

Chosen Option : 2



Q.20 Select the correct passive form of the given sentence.

The hospital will discharge Peter tomorrow in the afternoon.

Ans 1. Peter will have been discharged by the hospital tomorrow in the afternoon.

2. The hospital will be discharged by Peter tomorrow in the afternoon.

3. Peter is being discharged by the hospital tomorrow in the afternoon.

4. Peter will be discharged by the hospital tomorrow in the afternoon.

Question ID : 1841224488

Status : Answered

Chosen Option : 4

Comprehension:

Read the following passage and answer the questions given after it.

IN 1633, THE OTTOMAN SULTAN Murad IV cracked down on a practice he believed was provoking social decay and disunity in his capital of Istanbul. The risk of disorder associated with this practice were so dire, he apparently thought, that he declared transgressors should be immediately put to death. By some accounts, Murad IV stalked the streets of Istanbul in disguise, whipping out a 100-pound broadsword to decapitate whomever he found engaged in this illicit activity.

Odd though it may sound, Murad IV was neither the first nor last person to crack down on coffee drinking; he was just arguably the most brutal and successful in his efforts. Between the early 16th and late 18th centuries, a host of religious influencers and secular leaders took a crack at suppressing the black brew.

Few of them did so because they thought coffee's mild mind-altering effects meant it was an objectionable narcotic. Instead most, including Murad IV, seemed to believe that coffee shops could erode social norms, encourage dangerous thoughts or speech, and even directly foment seditious plots.

These crackdowns touched off in the 16th century because that's when coffee reached much of the world. Coffee beans were likely known and used for centuries beforehand in Ethiopia, their point of origin. But the first clear historical evidence of grinding coffee beans and brewing them into a cup of joe dates—as the historian Ralph Hattox established in his book *Coffee and Coffeehouses*—to 15th century Yemen. There, local Sufi Muslim orders used the brew in mystical ceremonies, either as a social act to foster brotherhood, a narcotic to produce spiritual intoxication, or a pragmatic concentration booster. The drink soon spread up the Red Sea, reaching Istanbul in the early 1500s and Christian Europe over the following century. In response, reactionaries cited religious reasons to outlaw coffee. Justifications included that coffee intoxicated drinkers, that it was bad for the human body, and that roasting made it the equivalent of charcoal (forbidden for consumption). Other religious figures charged that coffeehouses were natural magnets for licentious behaviors such as gambling, prostitution, and drug usage.

SubQuestion No : 21

Q.21 The main theme of the passage is:

Ans 1. why coffee was being banned from time to time between 16th and 18th centuries

2. how Sultan Murad dealt with the offenders after the coffee ban

3. why Sultan Murad IV of Ottoman Empire banned coffee

4. how coffee originated and reached Istanbul

Question ID : 1841224500

Status : Answered

Chosen Option : 4



Comprehension:

Read the following passage and answer the questions given after it.

IN 1633, THE OTTOMAN SULTAN Murad IV cracked down on a practice he believed was provoking social decay and disunity in his capital of Istanbul. The risk of disorder associated with this practice were so dire, he apparently thought, that he declared transgressors should be immediately put to death. By some accounts, Murad IV stalked the streets of Istanbul in disguise, whipping out a 100-pound broadsword to decapitate whomever he found engaged in this illicit activity.

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SubQuestion No : 22

Q.22 Coffee was banned in Istanbul by Sultan Murad mainly because he realised that:

Ans

- 1. roasting it made it like charcoal, which was not fit for human consumption
- 2. coffee houses encouraged gambling, drug usage, etc.
- 3. it was a narcotic drink and made people intoxicated
- 4. coffee shops were the places of scheming and plotting against the ruler

Question ID : 1841224501

Status : **Not Answered**

Chosen Option : --



Comprehension:

Read the following passage and answer the questions given after it.

IN 1633, THE OTTOMAN SULTAN Murad IV cracked down on a practice he believed was provoking social decay and disunity in his capital of Istanbul. The risk of disorder associated with this practice were so dire, he apparently thought, that he declared transgressors should be immediately put to death. By some accounts, Murad IV stalked the streets of Istanbul in disguise, whipping out a 100-pound broadsword to decapitate whomever he found engaged in this illicit activity.

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SubQuestion No : 23

Q.23 When did coffee reach Christian Europe?

Ans 1. In the 16th century
 2. Earlier than 15th century
 3. In the 15th century
 4. Later than 16th century

Question ID : 1841224502

Status : Answered

Chosen Option : 1



Comprehension:

Read the following passage and answer the questions given after it.

IN 1633, THE OTTOMAN SULTAN Murad IV cracked down on a practice he believed was provoking social decay and disunity in his capital of Istanbul. The risk of disorder associated with this practice were so dire, he apparently thought, that he declared transgressors should be immediately put to death. By some accounts, Murad IV stalked the streets of Istanbul in disguise, whipping out a 100-pound broadsword to decapitate whomever he found engaged in this illicit activity.

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SubQuestion No : 24

Q.24 "Whipping out a 100-pound broadsword to decapitate whomever he found engaged in this illicit activity." What does the word 'decapitate' mean here?

Ans 1. To injure someone

2. To cut off one's head

3. To kill someone

4. To frighten someone

Question ID : 1841224503

Status : Answered

Chosen Option : 2



Comprehension:

Read the following passage and answer the questions given after it.

IN 1633, THE OTTOMAN SULTAN Murad IV cracked down on a practice he believed was provoking social decay and disunity in his capital of Istanbul. The risk of disorder associated with this practice were so dire, he apparently thought, that he declared transgressors should be immediately put to death. By some accounts, Murad IV stalked the streets of Istanbul in disguise, whipping out a 100-pound broadsword to decapitate whomever he found engaged in this illicit activity.

Odd though it may sound, Murad IV was neither the first nor last person to crack down on coffee drinking; he was just arguably the most brutal and successful in his efforts. Between the early 16th and late 18th centuries, a host of religious influencers and secular leaders took a crack at suppressing the black brew.

Few of them did so because they thought coffee's mild mind-altering effects meant it was an objectionable narcotic. Instead most, including Murad IV, seemed to believe that coffee shops could erode social norms, encourage dangerous thoughts or speech, and even directly foment seditious plots.

These crackdowns touched off in the 16th century because that's when coffee reached much of the world. Coffee beans were likely known and used for centuries beforehand in Ethiopia, their point of origin. But the first clear historical evidence of grinding coffee beans and brewing them into a cup of joe dates—as the historian Ralph Hattox established in his book *Coffee and Coffeehouses*—to 15th century Yemen. There, local Sufi Muslim orders used the brew in mystical ceremonies, either as a social act to foster brotherhood, a narcotic to produce spiritual intoxication, or a pragmatic concentration booster. The drink soon spread up the Red Sea, reaching Istanbul in the early 1500s and Christian Europe over the following century. In response, reactionaries cited religious reasons to outlaw coffee. Justifications included that coffee intoxicated drinkers, that it was bad for the human body, and that roasting made it the equivalent of charcoal (forbidden for consumption). Other religious figures charged that coffeehouses were natural magnets for licentious behaviors such as gambling, prostitution, and drug usage.

SubQuestion No : 25

Q.25 Which of the following statements is NOT true according to the passage?

Ans

- 1. Grinding coffee beans and brewing them into a cup of joe started in Istanbul in the 15th century.
- 2. Not only Murad but a host of religious and secular leaders tried to suppress coffee drinking from time to time.
- 3. Sultan Murad was the most brutal and most successful in his efforts of cracking down on coffee drinking.
- 4. In Yemen, local Sufi Muslim orders used the brew in mystical ceremonies

Question ID : 1841224504

Status : Answered

Chosen Option : 1

