# **INTELLIGENCE BUREAU**

(Ministry of Home Affairs)

# Government of India

Application Seq	IBACIO250083659
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Test Time	12:00 PM - 1:00 PM
POST NAME	ASSISTANT CENTRAL INTELLIGENCE OFFICER- GRADE-II/EXECUTIVE

Section: Current Affairs

Q.1 Asha Nautiyal, who won the assembly constituency seat of Kedarnath (Uttarakhand) in the bye election in November 2024, belongs to which political party?

Ans X 1. Bahujan Samaj Party

2. Bharatiya Janata Party

X 3. Indian National Congress

X 4. Uttarakhand Kranti Dal

Question ID : 441009130641

Option 1 ID : 441009519101

Option 2 ID : **441009519104** Option 3 ID : **441009519103** 

Option 4 ID : 441009519102

Status : Answered

Chosen Option: 2

Q.2 In 2025, which country's pro-monarchy protests, advocating for the restoration of the Hindu monarchy, made headlines?

Ans

X 1. Bhutan

X 2. Thailand

X 3. Cambodia

4. Nepal

Question ID: 441009144099

Option 1 ID: 441009572389

Option 2 ID : 441009572391

Option 3 ID : **441009572392** Option 4 ID : **441009572390** 

Status : Answered

Q.3 Who among the following successfully demonstrated a cutting-edge 'active cooled scramjet combustor ground test' for 120 seconds for the first time in India, in January 2025?

Ans X 1. Indian Airforce

X 2. IIT Palakkad

X 4. ISRO

Question ID: 441009159930 Option 1 ID: 441009634366 Option 2 ID: 441009634364 Option 3 ID: 441009634365 Option 4 ID: 441009634363

Status: Answered

Chosen Option: 4

## Q.4 What was the theme of National Tourism Day 2025?

Ans X 1. Tourism and Jobs: A better future for all

X 2. Rural and Community Centric Tourism

3. Tourism for Inclusive Growth

¥ 4. Sustainable Journeys, Timeless Memories

Question ID: 441009160135
Option 1 ID: 441009634832
Option 2 ID: 441009634831
Option 3 ID: 441009634833
Option 4 ID: 441009634830

Status: Answered

Chosen Option : 1

# Q.5 Which State Government launched the 'Mahila Samriddhi Yojana' on the International Women's Day in 2025?

Ans X 1. Maharashtra

X 2. Manipur

✓ 3. Delhi

X 4. Kerala

Question ID: 441009159875
Option 1 ID: 441009634150
Option 2 ID: 441009634148
Option 3 ID: 441009634149
Option 4 ID: 441009634147

Status: Answered

Q.6 Who among the following administered oath of office and secrecy to the Chief Minister of Delhi at the oath taking ceremony held in February 2025?

Ans X 1. Anil Chauhan

2. Vinai Kumar Saxena3. Anil Baijal

X 4. Droupadi Murmu

Question ID: 441009157336
Option 1 ID: 441009624514
Option 2 ID: 441009624512
Option 3 ID: 441009624513
Option 4 ID: 441009624511
Status: Answered

Chosen Option: 1

Q.7 In December 2024, Indian Space Research Organisation (ISRO) entered into an agreement with which of the following agencies to cooperate on activities related to Astronaut Training, Mission Implementation and Research Experiments including use of facilities on International Space Station?

Ans 🥒 1. European Space Agency (ESA)

X 2. National Aeronautics and Space Administration (NASA)

X 3. Japan Aerospace Exploration Agency (JAXA)

X 4. Australian Space Agency

Question ID: 441009131038 Option 1 ID: 441009520756 Option 2 ID: 441009520759 Option 3 ID: 441009520758 Option 4 ID: 441009520757

Status : **Answered** Chosen Option : **2** 

Q.8 Which of the following films won the award for 'Best Feature Film' in the 70th National Film Awards, conferred on 8 October 2024?

Ans X 1. Fouja in Haryanvi

X 2. Kutch Express in Gujarati

X 3. Kantara in Kannada

4. Aattam in Malayalam

Question ID: 441009130324
Option 1 ID: 441009517687
Option 2 ID: 441009517690
Option 3 ID: 441009517689
Option 4 ID: 441009517688

Status : Answered

	As per the Economic Survey 2024-25, India holds the largest share in global services exports.
Ans	✓ 1. seventh
	× 2. fifth
	X 3. eighth
	<b>X</b> 4. sixth
	Question ID : <b>441009157526</b>
	Option 1 ID : <b>441009625269</b>
	Option 2 ID : <b>441009625267</b>
	Option 3 ID : <b>441009625270</b>
	Option 4 ID: <b>441009625268</b>

Q.10 How many sports disciplines were organised in the Khelo India Para Games (KIPG) 2025?

Ans X 1. Five

2. Six

X 3. Eight

X 4. Nine

Question ID: 441009130591 Option 1 ID: 441009518899 Option 2 ID: 441009518900 Option 3 ID: 441009518901 Option 4 ID: 441009518902

Status: Answered

Chosen Option: 2

Status: Answered

Chosen Option: 1

Q.11 According to the Union Budget 2025-26, how many first-time entrepreneurs from women, SC, and ST categories will benefit from the new term-loan scheme?

Ans X 1. 10 lakh

X 2. 1 lakh

3. 5 lakh

X 4. 2.5 lakh

Question ID: 441009140660 Option 1 ID: 441009558847 Option 2 ID: 441009558844 Option 3 ID: 441009558846 Option 4 ID: 441009558845

Status: Answered

### Q.12 Who received the Nobel Prize in Physiology or Medicine in 2024 for their work on microRNAs?

Ans X 1. Katalin Karikó and Drew Weissman

X 2. Geoffrey Hinton

3. Victor Ambros and Gary Ruvkun

X 4. John J Hopfield

Question ID: 441009144426 Option 1 ID: 441009573728 Option 2 ID: 441009573727 Option 3 ID: 441009573725 Option 4 ID: 441009573726

Status: Answered

Chosen Option: 1

### Q.13 Which fighter aircraft has the Indian Air Force deployed for INIOCHOS-25?

Ans X 1. Rafale

X 2. Tejas

X 4. Mirage 2000

Question ID: 441009154345 Option 1 ID: 441009612538 Option 2 ID: 441009612540 Option 3 ID: 441009612541 Option 4 ID: 441009612539

Status: Answered

Chosen Option: 1

#### Q.14 As of January 2025, Indian states and UTs have set up how many Tele MANAS Cells and have started tele mental health services?

Ans X 1. 23

**2**. 53

**X** 3. 33

**X** 4. 73

Question ID: 441009130988 Option 1 ID: 441009520548 Option 2 ID: 441009520550 Option 3 ID: 441009520549

Option 4 ID: 441009520551 Status: Answered

### Q.15 Which organisation has been awarded the hosting rights for the ISSF Junior World Cup 2025?

Ans

✓ 1. National Rifle Association of India

X 2. Indian Shooting Federation

X 3. International Olympic Committee

X 4. Indian Olympic Association

Question ID: 441009122985 Option 1 ID: 441009488850 Option 2 ID: 441009488852 Option 3 ID: 441009488851 Option 4 ID: 441009488849

Status: Answered

Chosen Option: 2

#### Q.16 Nalli Kuppuswami Chetti received the Padma Bhushan in 2025 for his contribution to which field?

Ans X 1. Art

2. Trade and Industry

X 3. Public Affairs

X 4. Social Work

Question ID: 441009160218 Option 1 ID: 441009635160 Option 2 ID: 441009635158 Option 3 ID: 441009635159 Option 4 ID: 441009635161 Status: Answered

Chosen Option: 1

# Q.17 How many medals did India win at the World Cadet Chess Championship 2024?

Ans X 1. Three

X 2. Four

X 3. One

4. Two

Question ID: 441009122975 Option 1 ID: 441009488809 Option 2 ID: 441009488811 Option 3 ID: 441009488812

Option 4 ID: 441009488810 Status: Answered

# Q.18 Which significant change was introduced in the Waqf (Amendment) Act, 2025?

Ans X 1. Exemption of Waqf properties from any form of taxation

X 2. Nationalisation of all Waqf properties

X 3. Abolition of all Waqf boards

Question ID: 441009154419
Option 1 ID: 441009612848
Option 2 ID: 441009612847
Option 3 ID: 441009612846
Option 4 ID: 441009612849

Status: Answered

Chosen Option: 2

# Q.19 Where is India's first green waste processing plant being established under the Public Private Partnership Model?

Ans X 1. Jaipur

2. Indore

X 3. Hyderabad

X 4. New Delhi

Question ID: 441009156745
Option 1 ID: 441009622143
Option 2 ID: 441009622145
Option 3 ID: 441009622146
Option 4 ID: 441009622144
Status: Answered

Chosen Option: 1

# Q.20 In 2025, the Prime Minister's reformed programme for minorities was called the New \_\_\_\_\_ Point Programme.

Ans X 1. 18

**2**. 15

**X** 3. 12

**X** 4. 20

Question ID: 441009260970
Option 1 ID: 4410091017273
Option 2 ID: 4410091017271
Option 3 ID: 4410091017270

Option 4 ID : **4410091017272**Status : **Answered** 

Chosen Option: 1

Section: General Studies

# Q.1 What is the purpose of a 'Kalyana Mandapa' in South Indian temples? Ans X 1. Meditation centre

X 2. Storage room

3. Marriage of deities

X 4. Kitchen area

Question ID: 441009160440 Option 1 ID: 441009635816 Option 2 ID: 441009635814 Option 3 ID: 441009635813 Option 4 ID: 441009635815

Status: Answered

Chosen Option: 3

### Q.2 Which tala is commonly used in Carnatic music?

Ans X 1. Rupaka Tala

X 2. Jhampa tala

3. Adi Tala

X 4. Matya Tala

Question ID: 441009160880 Option 1 ID: 441009637227 Option 2 ID: 441009637228 Option 3 ID: 441009637225 Option 4 ID: 441009637226

Status: Answered Chosen Option: 1

### Q.3 Which of the given statements are correct regarding the Komagatamaru incident?

- 1. Komagata Maru Incident was attributed to the Gadar Movement.
- 2. Komagata Maru ship was hired by Gurudeep Singh.
- 3. In the Komagata Maru Incident, more than 100 passengers were shot dead as per the Government report.
- 4. In the Komagata Maru ship, most of the passengers were travelling towards the USA but they were forcefully brought to Calcutta.

**Ans** X 1. Only 2 and 3

2. Only 1 and 2

X 3. Only 1 and 4

X 4. Only 1 and 3

Question ID: 441009171225 Option 1 ID: 441009677794 Option 2 ID: 441009677793 Option 3 ID: 441009677795 Option 4 ID: 441009677796

Status: Answered Chosen Option: 1

Question ID: 441009161432
Option 1 ID: 441009639383
Option 2 ID: 441009639382
Option 3 ID: 441009639381
Option 4 ID: 441009639384
Status: Answered

Chosen Option: 1

Q.5 Which of the following statements regarding the Trans-Himalayas are correct? The Trans-Himalayas are sometimes referred to as the Tibetan Himalayas. These mountains extend for about 1000 km in the east-west direction, with an average width of 40 km at the extremities and about 225 km in the central part. The highest peaks in the Trans-Himalayas do not exceed 3000 metres in elevation. Major mountain ranges in the Trans-Himalayas include Zanskar, Ladakh, Karakoram and Kailash.

**Ans** X 1. 2, 3 and 4

2. 1, 2 and 4

X 3. 1, 2 and 3

X 4. Only 1 and 4

Question ID: 441009152916 Option 1 ID: 441009606817 Option 2 ID: 441009606816 Option 3 ID: 441009606815 Option 4 ID: 441009606818

Status: Answered

Chosen Option: 4

Q.6 In which year did RBI introduce the Base Rate system to enhance loan pricing transparency?

Ans X 1. 2008

**2**. 2010

**X** 3. 2012

**X** 4. 2014

Question ID: 441009308414
Option 1 ID: 4410091200294
Option 2 ID: 4410091200295
Option 3 ID: 4410091200296
Option 4 ID: 4410091200297
Status: Answered

Q.7 As per Census of India 2011, which state has the highest population in India, according to the percentage shares of population of the states and union territories?

Ans X 1. Maharashtra

X 2. West Bengal

X 3. Bihar

4. Uttar Pradesh

Question ID: 441009144963 Option 1 ID: 441009575829 Option 2 ID: 441009575832 Option 3 ID: 441009575831

Option 4 ID: 441009575830 Status: Answered

Chosen Option: 4

### Q.8 What is the primary role of the Prime Minister in the Union Executive?

Ans X 1. Presiding over parliamentary sessions

X 2. Administering the judiciary

X 3. Serving as the head of state

4. Leading the Council of Ministers

Question ID: 441009136668 Option 1 ID: 441009542953 Option 2 ID: 441009542956 Option 3 ID: 441009542955

Option 4 ID: 441009542954 Status: Answered

Chosen Option: 3

## Q.9 During which Five Year Plan did India shift its focus towards the liberalisation and globalisation of its economy, marking a significant policy change?

Ans X 1. Seventh Five Year Plan

X 2. Sixth Five Year Plan

X 3. Tenth Five Year Plan

4. Eighth Five Year Plan

Question ID: 441009152779 Option 1 ID: 441009606272 Option 2 ID: 441009606271 Option 3 ID: 441009606274 Option 4 ID: 441009606273

Status: Answered

- Q.10 Which of the following statements regarding natural vegetation regions of India are correct?
  - 1. The Eastern Himalayan Region includes vegetation ranging from tropical to alpine types and receives more than 200 cm of annual rainfall.
  - 2. The North-Western Himalayan Region has tropical evergreen vegetation in submontane areas and dense deciduous forests at alpine heights.
  - 3. The Assam Region contains rich bamboo and palm vegetation and has Nilgiri-type grasslands at higher altitudes.
  - 4. The Gangetic Plain and Aravali region show vegetation ranging from semi-arid shrubs to moist deciduous forests, with species like Neem, Mahuwa, Jamun, and Acacia.

**Ans** X 1. 1 and 2 only

X 2. 3 and 4 only

3. 1, 3 and 4 only

X 4. 1, 2 and 3 only

Question ID: 441009154660 Option 1 ID: 441009613794 Option 2 ID: 441009613796 Option 3 ID: 441009613795

Option 4 ID : **441009613797**Status : **Answered** 

Chosen Option: 1

Q.11 Which of the following best explains the theoretical foundation of the design of the Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)?

Ans X 1. Structural adjustment for agricultural surplus

2. Supply-side skilling and productivity targeting

X 4. Monetarist principle of wage flexibility

Question ID: 441009305663

Option 1 ID: 4410091189390

Option 2 ID: 4410091189393

Option 3 ID: 4410091189391

Option 4 ID: 4410091189392

Status: Answered

Chosen Option: 2

Q.12 Consider the following statements regarding the Thar Desert:

The Thar Desert extends into Pakistan where it is known as the Cholistan Desert.

More than half of Rajasthan's geographical area lies within the Thar Desert.

The Thar Desert receives high rainfall but still experiences desert conditions due to extreme temperatures.

Temperatures in the Thar Desert can exceed 45°C in summers and fall below freezing in winters.

Which of the above statements is/are correct?

**Ans** X 1. 3 and 4 only

2. 1, 2 and 4 only

X 3. 1 and 2 only

X 4. 4 only

Question ID: 441009152614
Option 1 ID: 441009605614
Option 2 ID: 441009605612
Option 3 ID: 441009605611
Option 4 ID: 441009605613

Status: Answered

## Q.13 Arrange the following Gupta kings in chronological sequence?

- 1. Kumaragupta
- 2. Skandagupta
- 3. Sri Gupta
- 4. Chandragupta II

**Ans** X 1. 2, 1, 4, 3

2. 3, 4, 1, 2

**X** 3. 2, 4, 2, 1

**X** 4. 1, 2, 3, 4

Question ID: 441009171579

Option 1 ID: 441009679095 Option 2 ID: 441009679096 Option 3 ID: 441009679097

Option 4 ID: 441009679094

Status: Answered

Chosen Option: 1

#### Q.14 The 'basic structure doctrine' of the Constitution of India implies that:

✓ 1. it prevents the legislature from amending the fundamental framework

X 2. it limits the powers of the judiciary

X 3. it establishes the supremacy of the judiciary over the legislature

X 4. it allows unlimited amendments by the Parliament

Question ID: 441009136718 Option 1 ID: 441009543146 Option 2 ID: 441009543145 Option 3 ID: 441009543148

Option 4 ID: 441009543147 Status: Answered

Chosen Option: 3

### Q.15 Which of the following options best describes the concept of collective responsibility within the Council of Ministers?

**Ans** X 1. Ministers are individually responsible only for their portfolios.

X 2. Ministers can oppose each other's views in parliamentary debates without consequences.

3. All ministers share responsibility for government decisions and policies.

X 4. Ministers are appointed for fixed terms, irrespective of performance.

Question ID: 441009136693

Option 1 ID: 441009543049

Option 2 ID: 441009543052

Option 3 ID: 441009543050

Option 4 ID: 441009543051

Status: Answered

# Q.16 In which Five Year Plan was the "Inclusive Growth" strategy first explicitly articulated?

Ans X 1. Tenth Five Year Plan

X 2. Ninth Five Year Plan

X 4. Twelfth Five Year Plan

Question ID: 441009152784
Option 1 ID: 441009606292
Option 2 ID: 441009606294
Option 3 ID: 441009606291
Option 4 ID: 441009606293

Status: Answered

Chosen Option: 3

# Q.17 Which Article of the Constitution is mentioned for the Vice-President's removal procedure?

X 2. Article 70 (C)

X 3. Article 64 (b)

X 4. Article 61

Question ID: 441009150729 Option 1 ID: 441009598149 Option 2 ID: 441009598151 Option 3 ID: 441009598150 Option 4 ID: 441009598148

Status: Answered

Chosen Option: 1

# Q.18 Who has the authority to ask the Supreme Court for advice on a matter of public or legal significance?

Ans X 1. Parliament

X 2. Prime Minister

X 3. Chief Justice of India

4. President of India

Question ID: 441009150759
Option 1 ID: 441009598270
Option 2 ID: 441009598268
Option 3 ID: 441009598269
Option 4 ID: 441009598271

Status: Answered

# Q.19 The Northern Plains of India are primarily formed by the deposition of sediments from which river systems?

Ans X 1. Mahi, Chambal, and Betwa

2. Ganga, Indus, and Brahmaputra

X 3. Krishna, Godavari, and Cauvery

X 4. Narmada, Tapi, and Mahanadi

Question ID: 441009152543
Option 1 ID: 441009605326
Option 2 ID: 441009605324
Option 3 ID: 441009605323
Option 4 ID: 441009605325

Status : **Answered** Chosen Option : **2** 

Q.20 Gopal Krishna Gokhale founded which organisation to promote education and social service in India?

Ans X 1. Arya Samaj

X 2. Deccan Education Society

3. Servants of India Society

X 4. The Rashtriya Shala

Question ID: 441009161794
Option 1 ID: 441009640830
Option 2 ID: 441009640831
Option 3 ID: 441009640829
Option 4 ID: 441009640832
Status: Answered

Chosen Option: 1

Section: Numerical Aptitude

Q.1 7 men can dig a well 20 feet deep in 8 days. How many men can dig a well 40 feet deep in 2 days?

Ans X 1.57

**X** 2. 54

**3**. 56

**X** 4. 58

Question ID: 441009239013

Option 1 ID: **441009934423**Option 2 ID: **441009934421**Option 3 ID: **441009934420** 

Option 4 ID: 441009934422

Status: Answered

Q.2 A dealer buys two articles X and Y for ₹1,500 each. He marks each of them at the same
price. He sells X by giving two successive discounts of 25% and 44% and still earns
₹279 as profit. If he sells Y at a single discount of 58%, then what is the profit
percentage on Y?

Ans 🛹 1. 18.6%

× 2. 18%

× 3. 17.6%

× 4. 17%

Question ID: 441009238704 Option 1 ID: 441009933184 Option 2 ID: 441009933185 Option 3 ID: 441009933186 Option 4 ID: 441009933187

Status: Answered

Chosen Option: 1

Q.3 Three friends L, M and N, run around the circumference of a garden with radius 35 m, their speeds being 8 m/s, 6 m/s and 5 m/s. They all start at the same time and point, with L and M running clockwise, and N running anti clockwise. After how long will all three meet again at the starting point?

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

1. 3 minute 40 seconds

X 2. 1 minute 10 seconds

X 3. 1 minute 50 seconds

X 4. 2 minute 05 seconds

Question ID: 441009181712 Option 1 ID: 441009718358 Option 2 ID: 441009718355

Option 3 ID: 441009718356 Option 4 ID: 441009718357 Status: Answered

Chosen Option: 1

Q.4 The monthly income of three persons A, B and C amounts to ₹57,000. They spend 70%, 75% and 80% of their respective incomes and save the remaining. The ratio of their savings is 4:5:6. Find the monthly income of C.

Ans

1. ₹27,000

**X** 2. ₹18,000

**X** 3. ₹12,000

**X** 4. ₹25,000

Question ID: 441009239258

Option 1 ID: 441009935403 Option 2 ID: 441009935402

Option 3 ID: 441009935401 Option 4 ID: 441009935400

Status: Answered

Q.5 Find the value of the below equation rounded off to one decimal place  $7^{-5} \times 10^{-5} \times 25$  $5^{-7} \times 14^{-3}$ Ans X 1. 2.3 **2**. 3.2 **X** 3. 3.0 **X** 4. 2.6 Question ID: 441009166678 Option 1 ID: 441009678591 Option 2 ID: 441009678594 Option 3 ID: 441009678593 Option 4 ID: 441009678592 Status: Answered Chosen Option: 2 Q.6 Vipul gets a 5% increase in his sale amount in the first year and a 25% increase in the second year, and with that his present sale is ₹1,42,800. What was his sale (in ₹) two years ago? **Ans** X 1. 1,14,240 **X** 2. 1,36,000 **3**. 1,08,800 **X** 4. 88,800 Question ID: 441009239786 Option 1 ID: 441009937513 Option 2 ID: 441009937514 Option 3 ID: 441009937512 Option 4 ID: 441009937515 Status: Answered Chosen Option: 3 Q.7 If 2 times the mother's present age is 30 years more than 8 times her daughter's age, and 4 times the daughter's age is 15 year less than the mother's age, then what is the difference (in years) between the ages of the mother and the daughter? Ans X 1. 35 **2**. 30 **X** 3. 20 **X** 4. 25 Question ID: 441009237128 Option 1 ID: 441009926881 Option 2 ID: 441009926880 Option 3 ID: 441009926883 Option 4 ID: 441009926882 Status: Not Answered Chosen Option: --

Q.8	The cost of 14 pens and 8 pencils is ₹228. If the cost of a pen decreases by ₹5 and the
	cost of a pencil increases by ₹2, then the cost of 9 pens and 4 pencils is ₹97. What is
	the original cost of 7 pens and 7 pencils?
Ans	<b>X</b> 1. ₹150

2. ₹147

**X** 3. ₹146

**X** 4. ₹151

Question ID: 441009237077 Option 1 ID: 441009926679 Option 2 ID: 441009926676 Option 3 ID: 441009926677 Option 4 ID: 441009926678 Status: Not Answered

Chosen Option: --

Q.9 In a school election between A, B and C for the post of president, 20% of the total voters abstain from voting, and all casted votes are valid. A secures 40% of the votes cast, B gets equivalent to 19.2% of the total registered votes, and 504 votes are cast in favour of C. Find by what margin of votes cast does A win?

Ans X 1. 105

**2**. 56

**X** 3. 35

X 4. 224

Question ID: 441009171518 Option 1 ID: 441009678889 Option 2 ID: 441009678888 Option 3 ID: 441009678887 Option 4 ID: 441009678890

Status: Answered

Chosen Option: 1

Q.10 The difference between the simple interest and the compound interest, compounded annually, on a certain sum of money for 2 years at 14% per annum is ₹741. Find the sum. (Rounded off to the nearest integer.)

**Ans** X 1. ₹37,813

2. ₹37,806

**X** 3. ₹37,819

**X** 4. ₹37,821

Question ID: 441009237386 Option 1 ID: 441009927915 Option 2 ID: 441009927912 Option 3 ID: 441009927914 Option 4 ID: 441009927913

Status: Answered

	During a sale, books are marked up by 20% and a discount of 15% is given. What is the cost price (rounded off to the nearest integer) of a book, if it is sold at ₹170?
Ans	<b>X</b> 1. ₹105
	<b>✓</b> 2. ₹167
	<b>X</b> 3. ₹148
	<b>X</b> 4. ₹123

Question ID: 441009177207
Option 1 ID: 441009700699
Option 2 ID: 441009700702
Option 3 ID: 441009700701
Option 4 ID: 441009700700
Status: Answered

Chosen Option : 1

Q.12 If the ratio of two numbers is 9:8 and their HCF is 31, find their LCM.

Ans X 1. 2256

**X** 2. 2276

**3**. 2232

**X** 4. 2244

Question ID: 441009239451
Option 1 ID: 441009936173
Option 2 ID: 441009936174
Option 3 ID: 441009936172
Option 4 ID: 441009936175
Status: Answered

Chosen Option : 1

Q.13 If the mean proportional of X and 121 is 88, then find the value of X.

Ans 💜 1. 64

**X** 2. 67

**X** 3. 66

**X** 4. 65

Question ID: 441009238578
Option 1 ID: 441009932680
Option 2 ID: 441009932681
Option 3 ID: 441009932683
Option 4 ID: 441009932682
Status: Not Answered

Q.14 In a company, employees are divided into three levels: Junior, Mid and Senior. The average salary of the company is ₹47,500. Juniors earn ₹30,000 on average, Seniors earn ₹80,000, and there are 5 mid-level employees earning ₹50,000 each. If the number of Junior employees is twice that of Seniors, then what will be the average salary of the company after 4 juniors left the company and 2 mid-level and 3 senior level new employees join the company (to the nearest whole number)?

**Ans** X 1. ₹55,614

2. ₹55,714

**X** 3. ₹54,714

**X** 4. ₹54,614

Question ID: 441009188913
Option 1 ID: 441009745116
Option 2 ID: 441009745115
Option 3 ID: 441009745117
Option 4 ID: 441009745118
Status: Not Answered

Chosen Option: --

Q.15 A man has invested ₹54,000 at a rate of 10% per annum simple interest for 3 years. Find the amount (in ₹) that he will receive after 3 years.

**Ans** X 1. 16,200

**X** 2. 17,200

**3**. 70,200

**X** 4. 71,200

Question ID: 441009239813
Option 1 ID: 441009937621
Option 2 ID: 441009937623
Option 3 ID: 441009937620
Option 4 ID: 441009937622
Status: Not Answered

Chosen Option: --

Q.16 A bus travelling at 95 km/hr completes a journey in 8 hours. At what speed will it have to cover the same distance in 20 hours?

Ans X 1. 29 km/hr

2. 38 km/hr

X 3. 34 km/hr

X 4. 41 km/hr

Question ID: 441009238154
Option 1 ID: 441009930985
Option 2 ID: 441009930984
Option 3 ID: 441009930987
Option 4 ID: 441009930986
Status: Not Answered

Q.17 Pipe A and Pipe B can fill a cistern together in x hours. The efficiency

 $\frac{5}{12}$ th of the cistern in  $1\frac{1}{4}$  hours, find x.

Ans

× 1.2 $\frac{2}{3}$ × 2.1 $\frac{7}{8}$ × 3.2 $\frac{5}{9}$ × 4.3 $\frac{4}{7}$ 

Question ID: 441009180555

Option 1 ID: 441009713534 Option 2 ID: 441009713533 Option 3 ID: 441009713535 Option 4 ID: 441009713536

Status: Not Answered

Chosen Option: --

Q.18 The product of two numbers is 28224 and their H.C.F is 56. Find their L.C.M.

Ans X 1. 512

**X** 2. 505

X 3.499

**4**. 504

Question ID: 441009239457

Option 1 ID: 441009936198 Option 2 ID: 441009936199 Option 3 ID: 441009936197 Option 4 ID: 441009936196

Status: Not Answered

Chosen Option: --

Q.19 A batsman in his 10th innings makes a score of 95 runs and increases his average by 3 runs. What is his average (in runs) after the 10th innings?

Ans X 1.71

**X** 2. 95

**3**. 68

**X** 4.65

Question ID: 441009239881

Option 1 ID: 441009937893 Option 2 ID: 441009937894

Option 3 ID: 441009937892 Option 4 ID: 441009937895

Status: Not Answered

**X** 3. 784

X 2.820

**X** 4. 824

Question ID: 441009239077
Option 1 ID: 441009934676
Option 2 ID: 441009934677
Option 3 ID: 441009934678
Option 4 ID: 441009934679
Status: Not Answered

Chosen Option: --

Section: Reasoning or Logical Aptitude

Q.1 Seven boxes, Q, R, S, T, G, H and I, are kept one over the other, but not necessarily in the same order.

No box is kept below G. Only two boxes are kept between I and G. Q is kept immediately above H. Only two boxes are kept between I and Q. R is kept at some place below S but at some place above T.

How many boxes are kept between Q and T?

Ans X 1. One

X 2. Four

3. Three

X 4. Two

Question ID: 441009149602 Option 1 ID: 441009594142 Option 2 ID: 441009594145 Option 3 ID: 441009594144 Option 4 ID: 441009594143

Status: Answered

Q.2 If a water source is placed along X-Y, as shown in the given figure, which of the given options will be the water reflection of the given figure?



Ans

X1 OXBSI>

VISBXOx\*

UISBXO.EX

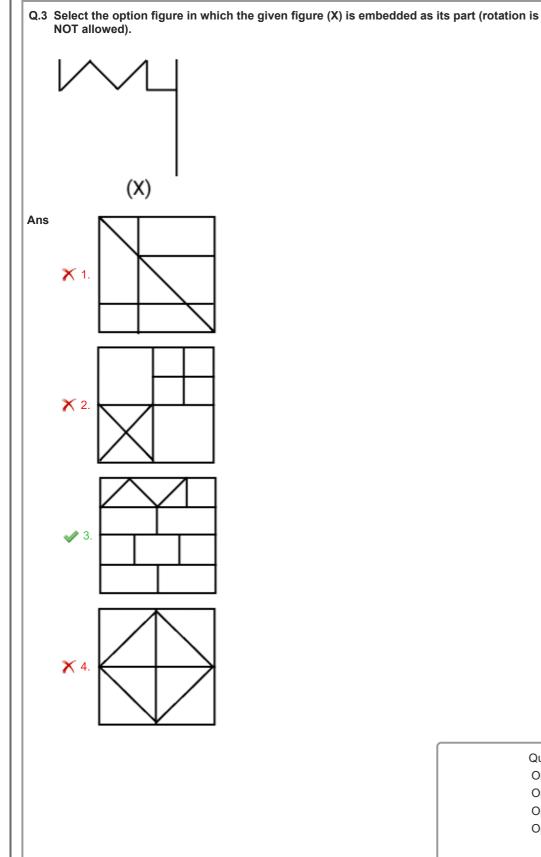
√ 4. O X B S I U

Question ID : 441009153429

Option 1 ID : **441009608883** Option 2 ID : **441009608882** 

Option 3 ID : **441009608885** Option 4 ID : **441009608884** 

Status : Answered



Question ID: 441009146542
Option 1 ID: 441009586848
Option 2 ID: 441009586845
Option 3 ID: 441009586847
Option 4 ID: 441009586846
Status: Answered

Q.4 What should come in place of the question mark (?) in the given series?

115 208 291 364 427 ?

Ans X 1.491

**2**. 480

**X** 3.474

**X** 4. 468

Question ID: 441009152348
Option 1 ID: 441009604552
Option 2 ID: 441009604553
Option 3 ID: 441009604554
Option 4 ID: 441009604551
Status: Answered

Chosen Option: 2

Q.5 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

 $142 + 22 \div 6 - 28 \times 2 = ?$ 

Ans X 1. 13

**X** 2. 10

**3**. 24

**X** 4. 18

Question ID: 441009129824 Option 1 ID: 441009515712 Option 2 ID: 441009515711 Option 3 ID: 441009515714 Option 4 ID: 441009515713

Status : Answered

Chosen Option: 3

Q.6 What should come in place of the question mark (?) in the given series?

146 125 101 74 44 ?

Ans X 1. 17

**X** 2. 23

**3.11** 

**X** 4. 7

Question ID: 441009135297
Option 1 ID: 441009537772
Option 2 ID: 441009537774
Option 3 ID: 441009537773
Option 4 ID: 441009537775

Status : Answered

A + B means 'A is the son of B', A - B means 'A is the brother of B', A x B means 'A is the wife of B' and A ÷ B means 'A is the father of B'.

How is C related to M if 'C  $\div$  V x R + N - M'?

Ans X 1. Sister's son's wife's brother

Q.7 In a certain code language,

X 2. Sister's son's wife's father

3. Brother's son's wife's father

X 4. Brother's son's wife's brother

Question ID: 441009140179
Option 1 ID: 441009556915
Option 2 ID: 441009556914
Option 3 ID: 441009556912
Option 4 ID: 441009556913

Status: Answered

Chosen Option: 3

Q.8 In a certain code language, 'WHAT' is coded as '1365' and 'CROW' is coded as '5249'. What is the code for 'W' in the given code language?

Ans X 1.9

**2**. 5

**X** 3. 1

**X** 4.4

Question ID: 441009130719 Option 1 ID: 441009519412 Option 2 ID: 441009519409 Option 3 ID: 441009519410 Option 4 ID: 441009519411

Status : **Answered** Chosen Option : **2** 

Q.9 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 their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) (3, 3, 30)

(10, 21, 1021)

**Ans** X 1. 10, 1, 101

**2**. 6, 4, 220

**X** 3. 19, 4, 2231

**X** 4. 12, 4, 142

Question ID: 441009133657 Option 1 ID: 441009531352 Option 2 ID: 441009531351 Option 3 ID: 441009531354 Option 4 ID: 441009531353

Status : Not Attempted and Marked For Review

Q.10 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?  (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
Ans X 1. JG-PL

✓ 2. MI-SP

※ 3. GD-MI

X 4. PM-VR

Question ID: 441009130819
Option 1 ID: 441009519771
Option 2 ID: 441009519769
Option 3 ID: 441009519772
Option 4 ID: 441009519770

Status : Answered

Chosen Option : 2

Q.11 Seven people, A, B, C, D, E, F and G, are sitting in a row, facing north. Only two people sit to the left of A. Only three people sit between A and G. Only one person sits between G and B. E sits to the immediate left of C. D is not an immediate neighbour of G. How many people sit to the left of D?

Ans X 1.1

**2**. 3

**X** 3.4

**X** 4. 2

Question ID: 441009135111 Option 1 ID: 441009537072 Option 2 ID: 441009537074 Option 3 ID: 441009537075 Option 4 ID: 441009537073

Status : Answered

Chosen Option : 2

Q.12 In a certain code language, 'PREY' is coded as '4598' and 'REAP' is coded as '9456'. How is 'A' coded in that language?

Ans X 1.4

**2**.6

**X** 3.5

**X** 4. 9

Question ID: 441009149622 Option 1 ID: 441009594223 Option 2 ID: 441009594225 Option 3 ID: 441009594224

Option 4 ID : **441009594222**Status : **Answered** 

Q.13 A question is followed by two statements numbered I and II. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the most appropriate answer.

Five trees J, R, S, U, and Z are of different heights. Which among them is the tallest tree?

- (I) Only three trees are taller than S. U is shorter than S.
- (II) R is taller than J. J is taller than Z.

Ans X 1. Data in Statement I alone is sufficient to answer the question while data in statement II is not

- X 2. Both statements I and II together are NOT sufficient to answer the question
- 3. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question
- X 4. Data in Statement II alone is sufficient to answer the question while data in statement I is not

Question ID: 441009166003 Option 1 ID: 441009657134 Option 2 ID: 441009657137 Option 3 ID: 441009657136 Option 4 ID: 441009657135

Status : Answered

Chosen Option: 3

Q.14 In this question two statements I and II have been given. These statements maybe independent causes or effects of independent causes or a common cause. One of the statements maybe the effect of the other statement. Read both the statements and select the correct option.

#### **Statements:**

- I. Despite a significant increase in the number of phone covers available in the market, many people continue to use their phones without covers.
- II. Over the past few years, many phone cover manufacturers have reported a decline in sales and demand for their products.
- Ans X 1. Statement II is the cause and statement I is its possible effect.
  - X 2. Both statements I and II are effects of independent causes.
  - 3. Statement I is the cause and statement II is its possible effect.
  - X 4. Both statements I and II are independent causes.

Question ID: 441009149702 Option 1 ID: 441009594535

Option 2 ID: **441009594537**Option 3 ID: **441009594534**Option 4 ID: **441009594536** 

Status : Answered

Q.15 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans X 1. HL-OF

✓ 2. DH-KA

3. FJ-MD

X 4. JN-QH

Question ID: 441009140193 Option 1 ID: 441009556970 Option 2 ID: 441009556968

Option 2 ID : **441009556968**Option 3 ID : **441009556969**Option 4 ID : **441009556971** 

Status : Answered

Chosen Option: 2

Q.16 A question is followed by two statements numbered I and II. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the most appropriate answer.

Six people, F, P, R, T, V, and Z are sitting in a row, facing the north. Who sits to the immediate left of T?

- (I) Only four people sit between Z and V. R sits to the immediate left of Z.
- (II) Only two people sit to the left of F. Only two people sit to the right of T.

Ans X 1. Data in Statement I alone is sufficient to answer the question while data in statement II is not

- X 2. Both statements I and II together are NOT sufficient to answer the question
- 3. Data in Statement II alone is sufficient to answer the question while data in statement I is not

X 4. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

Question ID: 441009166174 Option 1 ID: 441009657846

Option 2 ID: 441009657849 Option 3 ID: 441009657847 Option 4 ID: 441009657848

Status : Answered

Chosen Option: 4

Q.17 Six friends, R, S, T, G, H and I, live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6. Only one person lives below H. Only three people live between I and H. T lives on a floor below H. S lives on an even-numbered floor. G lives on an odd-numbered floor but not on floor number 5. How many people live between R and H?

Ans X 1. One

X 2. None

X 3. Three

4. Two

Question ID: 441009149571

Option 1 ID: 441009594023

Option 2 ID: 441009594022

Option 3 ID: 441009594025

Option 4 ID: 441009594024

Status : Answered

Q.18 Omi starts from Point A and drives 50 km towards the east. He then takes a right turn, drives 36 km, turns right and drives 54 km. He then takes a right turn and drives 40 km. He takes a final right turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans X 1. 3 km to the south

2. 4 km to the south

X 3.5 km to the north

X 4.6 km to the north

Question ID: 441009136541
Option 1 ID: 441009542554
Option 2 ID: 441009542555
Option 3 ID: 441009542556
Option 4 ID: 441009542557

Status: Answered

Chosen Option: 2

Q.19 In a certain code language,

'A + B' means 'A is the mother of B'

'A - B' means 'A is the brother of B'

'A × B' means 'A is the wife of B'

'A ÷ B' means 'A is the father of B'

Based on the above, how is C related to M if 'C+V+R×N-M'?

Ans 1. Brother's wife's mother's father

X 2. Brother's wife's mother's brother

X 3. Brother's wife's father's brother

X 4. Brother's wife's father's father

Question ID: 441009130750 Option 1 ID: 441009519529 Option 2 ID: 441009519530 Option 3 ID: 441009519532 Option 4 ID: 441009519531

Status : Answered

Q.20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

#### **Statements:**

All bins are dogs.
All dogs are aeroplanes.
Some aeroplanes are clothes.

#### **Conclusions:**

(I): All bins are aeroplanes.

(II): Some clothes are bins.

Ans X 1. Neither conclusion (I) nor (II) follows

X 2. Both conclusions (I) and (II) follow

X 4. Only conclusion (II) follows

Question ID: 441009136481 Option 1 ID: 441009542325 Option 2 ID: 441009542326 Option 3 ID: 441009542323 Option 4 ID: 441009542324

Status : Answered

Chosen Option: 3

Section: English

Q.1 Select the option that rectifies the INCORRECTLY spelt word in the given paragraph.

Fracking uses a high-pressure injection of water, sand and chemicals to break open subterraner shale and hold the newly formed fissures open so that oil and gas can seep to the wellhead and be pumped to the surface. It's a process that has been used around traditional wells for decades as a way to coax more production from a reservoir.

Ans 💜 1. Subterranean

X 2. Wellhaed

X 3. Coaxe

X 4. Frecking

Question ID: 441009146173
Option 1 ID: 441009580564
Option 2 ID: 441009580563
Option 3 ID: 441009580565
Option 4 ID: 441009580562

Status: Answered

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

Take a rain check

Ans X 1. To achieve two things by doing a single action

X 2. To continuously improve by practising

X 3. Something that happens very rarely

Question ID: 441009146565 Option 1 ID: 441009582025 Option 2 ID: 441009582024 Option 3 ID: 441009582022 Option 4 ID: 441009582023

Status: Answered

Chosen Option: 4

Q.3 Identify the INCORRECTLY spelt word in the given sentence. If you don't find any error, mark 'No error' as your answer.

Trump and Elon Musk, two billionaires with massive egos and combustible temperaments, had forged an unlikely friendship over the past year, one built on proximity, political expediency, and, yes, a touch of genuine warmth.

1. No error

X 2. expediency

X 3. temperaments

X 4. combustible

Question ID: 441009126852 Option 1 ID: 441009504095 Option 2 ID: 441009504094 Option 3 ID: 441009504093 Option 4 ID: 441009504092

Status: Answered

Chosen Option: 2

Q.4 Select the option that can be used as a one-word substitute for the underlined phrase in the following passage.

He came to realise that the best way to ensure his trees flourished was to take care of the soil, and he developed a cocktail that included beneficial bacteria, fungi and the part of the soil formed from decomposed plant and animal matter.

Ans X 1. laterite

2. minerals

3. humus

X 4. gravel

Question ID: 441009129972

Option 1 ID: 441009516289 Option 2 ID: 441009516288

Option 3 ID: 441009516290 Option 4 ID: 441009516287

Status: Answered

This atmosphere of solemnity dissolved into songs and laughter. Ans X 1. Ceremony 2. Levity X 3. Sobriety X 4. Humility Question ID: 441009126767 Option 1 ID: 441009503746 Option 2 ID: 441009503744 Option 3 ID: 441009503747 Option 4 ID: 441009503745 Status: Answered Chosen Option: 3 Q.6 Select the most appropriate meaning of the given proverb. The writing is on the wall. Ans X 1. Writing is illegible for some people X 2. Children write on walls 3. A clear sign of trouble X 4. Artistic writing should be displayed on walls Question ID: 441009221000 Option 1 ID: 441009866712 Option 2 ID: 441009866711 Option 3 ID: 441009866710 Option 4 ID: 441009866713 Status: Answered Chosen Option: 3 Q.7 Select the best position where the word 'the' can be inserted. (1) Cricket is (2) best (3) sport for (4) team building. Ans X 1. Position (3) X 2. Position (4) X 4. Position (1) Question ID: 441009215759 Option 1 ID: 441009847077

Q.5 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Option 1 ID: 441009847077
Option 2 ID: 441009847078
Option 3 ID: 441009847076
Option 4 ID: 441009847075
Status: Answered

าร	X 1. poised	
	✓ 2. committed	
	★ 3. indisposed	
	★ 4. diffident	
		Question ID: 441009126655
		Option 1 ID : <b>441009503299</b> Option 2 ID : <b>441009503297</b>
		Option 3 ID : 441009503296
		Option 4 ID : <b>441009503298</b>
		Status : Answered
		Chosen Option: 2
9	Select the most appropriate option to fill in the blank.	
	This will be the last time I need your hel	p.
ıs	✓ 1. probably	
	X 2. hopelessly	
	X 3. speedily	
	X 4. repetitively	
		Question ID : 441009215767
		Option 1 ID : 441009847107
		Option 2 ID : 441009847110
		Option 3 ID : 441009847109
		Option 4 ID : 441009847108
		Status : Answered
		Chosen Option : 1
10	Select the most appropriate option to fill in the blanks.	
	We can go to the movie theater stay at hon	ne and watch a movie.
ıs	1. neither; or	
	2. either; or	
	X 3. either; nor	
	X 4. either; and	
		Question ID : 441009220288
		Option 1 ID : 441009863872
		Option 2 ID : 441009863870
		Option 3 ID : 441009863873
		Option 4 ID : <b>441009863871</b> Status : <b>Answered</b>
		Chosen Option : 2
		Onoscii Option . Z

Q.8 Select the most appropriate one-word substitute for the highlighted segment in the given paragraph.

Q.11 Select the most appropriate option to fill in the blank. Michal dispatched my parcel last week but I \_\_\_\_\_ it yet. 1. haven't received Ans X 2. hasn't received X 3. don't receive

> Question ID: 441009220271 Option 1 ID: 441009863805 Option 2 ID: 441009863804 Option 3 ID: 441009863803 Option 4 ID: 441009863802 Status: Answered

Chosen Option: 1

- Q.12 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) This rapid technological shift has forced industries to rethink traditional business models.
  - (B) The digital revolution has fundamentally altered the way humans interact with information.
  - (C) With increasing automation and artificial intelligence, workplaces are undergoing dramatic changes.
  - (D) Adaptability has become a crucial skill for professionals navigating an ever-evolving job market.

X 1. CBAD Ans

X 2. ABCD

X 4. didn't receive

X 3. BCDA

4. BACD

Question ID: 441009129322 Option 1 ID: 441009513889 Option 2 ID: 441009513887 Option 3 ID: 441009513888 Option 4 ID: 441009513886

Status: Answered

Chosen Option: 3

Q.13 Select the most appropriate ANTONYM of the highlighted word in the given sentence.

This is a nation that needs a leader who can coach it through remorse, fear and no small amount of grief.

Ans X 1. regret

X 2. excuses

3. impenitence

X 4. blame

Question ID: 441009153053 Option 1 ID: 441009607355 Option 2 ID: 441009607357 Option 3 ID: 441009607358 Option 4 ID: 441009607356

Status: Answered

Q.14 Select the most appropriate article to fill in the blank. If no article is needed, select 'X'.

Her sister got an admission in \_\_\_\_\_ University in Germany.

Ans

1. a

X 2. X

X 3. the

X 4. an

Question ID: 441009220300 Option 1 ID: 441009863919 Option 2 ID: 441009863921 Option 3 ID: 441009863920 Option 4 ID: 441009863918

Status: Answered

Chosen Option: 4

Q.15 Select the option that can be used as a one-word substitute for the highlighted phrase in the following sentence.

A. He had a small band of assistants, among whom Swaminathan was prominent, and who overcome by the mood of the hour, had spontaneously emptied his ink-bottle over his own head and had drawn frightful dark circles under his eyes with the dripping ink.

B. One or two little boys feebly protested.

C. Around him was a crowd seething with excitement and joy.

D. Mani did some brisk work at the school gate, snatching from all sorts of people inkbottles and pens, and destroying them.

E. But Mani wrenched the ink-bottles from their hands, tore their caps, and poured ink over their clothes.

Ans X 1. B - D - E - A - C

X 2. C - D - B - A - E

X 3. D - B - C - E - A

✓ 4. D - C - B - E - A

Question ID: 441009145009 Option 1 ID: 441009576013 Option 2 ID: 441009576016 Option 3 ID: 441009576014 Option 4 ID: 441009576015

Status : Answered

Read the given passage and answer the questions that follow.

A giant planet 124 light years from Earth has yielded the strongest evidence yet that extraterrestrial life may be thriving beyond our solar system, astronomers claim.

Observations by the James Webb space telescope of a planet called K2-18 b appear to reveal the chemical fingerprints of two compounds that, on Earth, are only known to be produced by life

Detection of the chemicals, dimethyl sulphide (DMS) and dimethyl disulphide (DMDS) would not amount to proof of alien biological activity but could bring the answer to the question of whether we are alone in the universe much closer.

"This is the strongest evidence to date for a biological activity beyond the solar system," said Professor Nikku Madhusudhan, an astrophysicist at the University of Cambridge who led the observations. "We are very cautious. We have to question ourselves both on whether the signal is real and what it means."

He added: "Decades from now, we may look back at this point in time and recognise that it was when the living universe came within reach. This could be the tipping point, where suddenly the fundamental question of whether we're alone in the universe is one we're capable of answering."

Others are more sceptical, with questions remaining about whether the overall conditions on K2-18 b are favourable to life and whether DMS and DMDS, which are largely produced by marine phytoplankton on Earth, can be reliably regarded as biosignatures.

K2-18 b is nearly nine times as massive as the Earth and 2.6 times as large.

SubQuestion No: 16

Q.16 Based on the passage, which of the following statements is true?

Ans X 1. It would take humans 124 years to travel to K2-18 b.

2. The scientists leading the observations are being careful not to read too much into them.

3. Most creatures on Earth produce DMS and DMDS.

X 4. The presence of DMS and DMDS is sufficient to prove that alien life exists.

Question ID: 441009212823
Option 1 ID: 441009835489
Option 2 ID: 441009835490
Option 3 ID: 441009835487
Option 4 ID: 441009835488

Status : Answered

Read the given passage and answer the questions that follow.

A giant planet 124 light years from Earth has yielded the strongest evidence yet that extraterrestrial life may be thriving beyond our solar system, astronomers claim.

Observations by the James Webb space telescope of a planet called K2-18 b appear to reveal the chemical fingerprints of two compounds that, on Earth, are only known to be produced by life.

Detection of the chemicals, dimethyl sulphide (DMS) and dimethyl disulphide (DMDS) would not amount to proof of alien biological activity but could bring the answer to the question of whether we are alone in the universe much closer.

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Others are more sceptical, with questions remaining about whether the overall conditions on K2-18 b are favourable to life and whether DMS and DMDS, which are largely produced by marine phytoplankton on Earth, can be reliably regarded as biosignatures.

K2-18 b is nearly nine times as massive as the Earth and 2.6 times as large.

#### SubQuestion No: 17

#### Q.17 Which of the following statements accurately describes the tone of the passage?

**Ans** 1. The passage is optimistic about the possibility of extraterrestrial life outside our solar system.

X 2. The passage is pessimistic about the possibility of extraterrestrial life outside our solar system.

3. The passage is objective in its reporting of the possibility of extraterrestrial life outside our solar system.

X 4. The passage is sarcastic about the possibility of extraterrestrial life outside our solar system.

Question ID : **441009212824** Option 1 ID : **441009835493** 

Option 2 ID: **441009835491** Option 3 ID: **441009835494** Option 4 ID: **441009835492** 

Status: Answered

Read the given passage and answer the questions that follow.

A giant planet 124 light years from Earth has yielded the strongest evidence yet that extraterrestrial life may be thriving beyond our solar system, astronomers claim.

Observations by the James Webb space telescope of a planet called K2-18 b appear to reveal the chemical fingerprints of two compounds that, on Earth, are only known to be produced by life

Detection of the chemicals, dimethyl sulphide (DMS) and dimethyl disulphide (DMDS) would not amount to proof of alien biological activity but could bring the answer to the question of whether we are alone in the universe much closer.

"This is the strongest evidence to date for a biological activity beyond the solar system," said Professor Nikku Madhusudhan, an astrophysicist at the University of Cambridge who led the observations. "We are very cautious. We have to question ourselves both on whether the signal is real and what it means."

He added: "Decades from now, we may look back at this point in time and recognise that it was when the living universe came within reach. This could be the tipping point, where suddenly the fundamental question of whether we're alone in the universe is one we're capable of answering."

Others are more sceptical, with questions remaining about whether the overall conditions on K2-18 b are favourable to life and whether DMS and DMDS, which are largely produced by marine phytoplankton on Earth, can be reliably regarded as biosignatures.

K2-18 b is nearly nine times as massive as the Earth and 2.6 times as large.

#### SubQuestion No: 18

#### Q.18 Which of the following statements can be inferred from the passage?

**Ans** 1. If it can be reliably established that DMS and DMDS are clear indications of life, we will have proved that life exists on K2-18 b.

X 2. Only a planet larger than Earth can possibly harbour extraterrestrial life.

X 3. If we look back at this point decades from now, we will be able to see that this was
when we finally realised that other life is possible in the universe.

X 4. Only the James Webb space telescope can see K2-18 b.

Question ID: **441009212825** Option 1 ID: **441009835496** Option 2 ID: **441009835497** 

Option 3 ID: **441009835498** Option 4 ID: **441009835495** 

Status: Answered

Read the given passage and answer the questions that follow.

A giant planet 124 light years from Earth has yielded the strongest evidence yet that extraterrestrial life may be thriving beyond our solar system, astronomers claim.

Observations by the James Webb space telescope of a planet called K2-18 b appear to reveal the chemical fingerprints of two compounds that, on Earth, are only known to be produced by life.

Detection of the chemicals, dimethyl sulphide (DMS) and dimethyl disulphide (DMDS) would not amount to proof of alien biological activity but could bring the answer to the question of whether we are alone in the universe much closer.

"This is the strongest evidence to date for a biological activity beyond the solar system," said Professor Nikku Madhusudhan, an astrophysicist at the University of Cambridge who led the observations. "We are very cautious. We have to question ourselves both on whether the signal is real and what it means."

He added: "Decades from now, we may look back at this point in time and recognise that it was when the living universe came within reach. This could be the tipping point, where suddenly the fundamental question of whether we're alone in the universe is one we're capable of answering."

Others are more sceptical, with questions remaining about whether the overall conditions on K2-18 b are favourable to life and whether DMS and DMDS, which are largely produced by marine phytoplankton on Earth, can be reliably regarded as biosignatures.

K2-18 b is nearly nine times as massive as the Earth and 2.6 times as large.

SubQuestion No: 19

Q.19 Select the most appropriate ANTONYM of the word 'sceptical' as used in the given passage.

Ans

1. Trusting

X 2. Suspicious

X 3. Confused

X 4. Determined

Question ID : **441009212826**Option 1 ID : **441009835501**Option 2 ID : **441009835500** 

Option 3 ID : **441009835499** Option 4 ID : **441009835502** 

Status : Answered

Read the given passage and answer the questions that follow.

A giant planet 124 light years from Earth has yielded the strongest evidence yet that extraterrestrial life may be thriving beyond our solar system, astronomers claim.

Observations by the James Webb space telescope of a planet called K2-18 b appear to reveal the chemical fingerprints of two compounds that, on Earth, are only known to be produced by life.

Detection of the chemicals, dimethyl sulphide (DMS) and dimethyl disulphide (DMDS) would not amount to proof of alien biological activity but could bring the answer to the question of whether we are alone in the universe much closer.

"This is the strongest evidence to date for a biological activity beyond the solar system," said Professor Nikku Madhusudhan, an astrophysicist at the University of Cambridge who led the observations. "We are very cautious. We have to question ourselves both on whether the signal is real and what it means."

He added: "Decades from now, we may look back at this point in time and recognise that it was when the living universe came within reach. This could be the tipping point, where suddenly the fundamental question of whether we're alone in the universe is one we're capable of answering."

Others are more sceptical, with questions remaining about whether the overall conditions on K2-18 b are favourable to life and whether DMS and DMDS, which are largely produced by marine phytoplankton on Earth, can be reliably regarded as biosignatures.

K2-18 b is nearly nine times as massive as the Earth and 2.6 times as large.

SubQuestion No: 20

Q.20 Select the most appropriate title for the given passage.

Ans 🧳 1. Life on Other Planets: The Strongest Clue

X 2. Extraterrestrial Life: Yes or No?

3. K2-18 b: A Ray of Hope

X 4. DMS and DMDS: The Stuff of Life

Question ID : **441009212827** Option 1 ID : **441009835503** 

Option 2 ID : **441009835506** Option 3 ID : **441009835505** Option 4 ID : **441009835504** 

Status: Answered