Previous Year Paper

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Tier - I
IB ACIO Gr-II

20 Feb 2021 - Third Shift

Simplifying
Government Exams

SSC CHSL

AFCAT

SSC CGL

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RRB NTPC

SSC CPO

IB SA

ACIO Grade II Executive 20th Feb 2021

Participant ID	**ixamBee**
Participant Name	
Test Center Name	iON Digital Zone iDZ Gajularega
Test Date	20/02/2021
Test Time :	3:00 PM - 4:00 PM
Subject	ACIO Grade II (Executive)

Section : **General awareness Current Affairs**

Q.1 Match List-1 and List-2 and select the correct answer by using the code given below the list.

List-1	List-2
Name of the Author	Name of the Book
A. Aravind Adiga	1. Milkman
B. Henri Charrière	2. A Tale of Two Cities
C. Charles Dickens	3. Papillon
D. Anna Burns	4. The White Tiger

Ans
❌ 1. A-1, B-3, C-2, D-4
❌ 2. A-4, B-1, C-3, D-1
✅ 3. A-4, B-3, C-2, D-1
❌ 4. A-1, B-2, C-3, D-4

Question ID : **59445929516**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Who among the following created a record for the longest single spaceflight by a woman when she arrived back on Earth in February 2020?

Ans
❌ 1. Valentina Tereshkova
❌ 2. Peggy Whitson
❌ 3. Sally Ride
✅ 4. Christina Koch

Question ID : **59445929503**
Status : **Marked For Review**
Chosen Option : **2**

Q.3 Which of the following statements is true about the Bharat Biotech International Ltd.?

(1) Bharat Biotech has developed indigenous COVID-19 vaccine in collaboration with the Indian Council of Medical Research (ICMR)
(2) Covishield is the brand name of Bharat Biotech COVID-19 vaccine.

Ans ✔ 1. 1 only

✘ 2. Neither 1 nor 2

✘ 3. Both 1 and 2

✘ 4. 2 only

Question ID : **59445929514**
Status : **Marked For Review**
Chosen Option : **1**

Q.4 Who among the following has won Golden Globe 2020 award for "Best Performance by an Actress in a Motion Picture – Drama"?

Ans ✘ 1. Beanie Feldstein

✔ 2. Renée Zellweger

✘ 3. Cynthia Erivo

✘ 4. Charlize Theron

Question ID : **59445929505**
Status : **Not Answered**
Chosen Option : **--**

Q.5 Match List-1 with List-2 and select the correct answer by using the code given below the list.

List-1 (Name of Government Scheme launched in 2020)	List-2 (The Month of Launch)
A. Nagar Van Scheme	1. June
B. Padhna Likhna Abhiyan	2. September
C. Production Linked Incentive (PLI) Scheme	3. April

Ans ✘ 1. A-1, B-3, C-2

✘ 2. A-2, B-1, C-3

✘ 3. A-2, B-3, C-1

✔ 4. A-1, B-2, C-3

Question ID : **59445929520**
Status : **Answered**
Chosen Option : **1**

Q.6 **Which of the statement is/are correct about the three controversial farm laws passed by the parliament in September 2020?**

(A) In January 2021, the Supreme Court stayed the implementation of three controversial farm laws,
(B) In January 2021, government proposed putting farm laws on hold for 2 years
(C) In January 2021, the Supreme Court had appointed a committee on the three new farm laws
(D) In September 2020, Shiromani Akali Dal leader Harsimrat Kaur had resigned as Union Minister for Food Processing.

Ans ✗ 1. A, B and C

✓ 2. A, C and D

✗ 3. B, C and D

✗ 4. A, D and B

Question ID : **59445929517**
Status : **Marked For Review**
Chosen Option : **3**

Q.7 **In February 2020, which of the following places was in-principle approved as a site of a new Major Port?**

Ans ✗ 1. Redi

✗ 2. Jaigarh

✓ 3. Vadhavan

✗ 4. Dighi

Question ID : **59445929510**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **Who among the following was conferred with the Best Actor award at the Dadasaheb Phalke International Film Festival in February 2020?**

Ans ✗ 1. Abhay Deol

✗ 2. Sushant Singh Rajput

✓ 3. Hrithik Roshan

✗ 4. Sonu Sood

Question ID : **59445929501**
Status : **Marked For Review**
Chosen Option : **3**

Q.9 Arrange the following persons in descending order as per the year in which they received Rajiv Gandhi Khel Ratna.

A. Virat Kohli
B. Bajrang Punia
C. Sardara Singh
D. Rohit Sharma

Ans   ✗ 1. A, B, D, C

     ✔ 2. D, B, A, C

     ✗ 3. C, B, A, D

     ✗ 4. D, B, C, A

Question ID : **59445929519**
Status : **Marked For Review**
Chosen Option : **4**

Q.10 Which one of the following project was approved by the government to upgrade Heron drones with laser-guided bombs and missiles?

Ans   ✔ 1. Project Cheetah

     ✗ 2. Project Tiger

     ✗ 3. Project Garud

     ✗ 4. Project Heron

Question ID : **59445929508**
Status : **Marked For Review**
Chosen Option : **3**

Q.11 Which of the following statement is / are correct?

(1) In the year 2020, badminton player Parupalli Kashyap received the **prestigious** Arjuna Award.
(2) In the year 2020, MS Dhoni won the ICC Spirit of Cricket Award of the Decade.

Which of the statements given above is/are correct?

Ans   ✗ 1. 1 only

     ✗ 2. Both 1 and 2

     ✔ 3. 2 only

     ✗ 4. Neither 1 nor 2

Question ID : **59445929511**
Status : **Marked For Review**
Chosen Option : **3**

Q.12 Which of the following statements below mentioned events that happened in the year 2020 is/are true?

(1) Railways renames Railway Protection Force as Indian Railway Public Protection Force Service
(2) RBI launches 'MANI' app to help visually challenged to identify the denomination of notes

Ans ✗ 1. Both 1 and 2

✗ 2. 1 only

✓ 3. 2 only

✗ 4. Neither 1 nor 2

Question ID : **59445929513**
Status : **Marked For Review**
Chosen Option : **3**

Q.13 Match List-1 and List-2 and select the correct answer by using the code given below the list.

List-1 Company/Reserach Institute	List-2 Country
A. AstraZeneca plc	1. Russia
B. Pfizer Inc	2. United States
C. The Gamaleya Research Institute of Epidemiology and Microbiology	3. United Kingdom
D. Sinovac Biotech Ltd.	4. China

Ans ✗ 1. A-2, B-1, C-3, D-4

✓ 2. A-3, B-2, C-1, D-4

✗ 3. A-1, B-4, C-3, D-2

✗ 4. A-1, B-2, C-4, D-3

Question ID : **59445929518**
Status : **Answered**
Chosen Option : **2**

Q.14 Who among the following had been appointed as Managing Director and Chief Financial Officer of the World Bank in July 2019?

Ans ✓ 1. Anshula Kant

✗ 2. Mallika Srinivasan

✗ 3. Vinita Bali

✗ 4. Muthulakshmi Reddi

Question ID : **59445929509**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Which one of the following Mars mission ended in 2019?

Ans
❌ 1. Phoenix

❌ 2. Curiosity

❌ 3. Odyssey

✅ 4. Opportunity

Question ID : **59445929507**

Status : **Marked For Review**

Chosen Option : **3**

Q.16 Associations representing officers of Central Civil Services, including the Indian Administrative Service (IAS) and the Indian Police Service (IPS), have formed an initiative called 'Caruna' to support and supplement the government's efforts in fighting:

Ans
❌ 1. atrocities against women

❌ 2. insurgencies and separatism

✅ 3. coronavirus

❌ 4. terrorism

Question ID : **59445929504**

Status : **Marked For Review**

Chosen Option : **2**

Q.17 Who among the following was appointed as the interim CEO of the Board of Control for Cricket in India (BCCI) in July 2020?

Ans
✅ 1. Hemang Amin

❌ 2. Santosh Rangnekar

❌ 3. Rahul Johri

❌ 4. Sundar Raman

Question ID : **59445929502**

Status : **Marked For Review**

Chosen Option : **3**

Q.18 Which of the following statements about Subrahmanyam Jaishankar is/are correct?

(1) He was the then India's ambassador to United State of America
(2) He led the negotiations for the India-US nuclear deal between 2006 and 2010.

Ans
❌ 1. 2 only

❌ 2. Neither 1 nor 2

❌ 3. Both 1 and 2

✅ 4. 1 only

Question ID : **59445929512**

Status : **Marked For Review**

Chosen Option : **3**

Q.19 Which one of the following is the first ever Best Teacher's Award declared by All India Council for Technical education in 2020?

Ans

✔ 1. Visvesvaraya Best Teachers Award

✘ 2. ISTE-SGSITS National Award

✘ 3. Global Teacher Award

✘ 4. Prof. V.K.M. John National Award

Question ID : **59445929506**

Status : **Not Answered**

Chosen Option : **--**

Q.20 Which of the following statements is true about AatmaNirbhar Bharat Abhiyaan?

(1) The scheme was announced in four tranches by the Prime Minister Sri Narendra Modi in April 2020.
(2) The Prime Minister has announced a Rs. 20 lakh crore economic package under the AatmaNirbhar Bharat Abhiyaan

Ans

✔ 1. 2 only

✘ 2. Neither 1 nor 2

✘ 3. Both 1 and 2

✘ 4. 1 only

Question ID : **59445929515**

Status : **Marked For Review**

Chosen Option : **3**

Section : **General studies**

Q.1 Match List-1 with List-2 and select the correct answer using the codes given below the lists.

List-1 (Cricketer)	List-2 (Debut year in international test cricket match)
1. Sachin Tendulkar	A. 1990
2. Ajay Jadeja	B. 1992
3. Rahul Dravid	C. 1989
4. Anil Kumble	D. 1996

Ans

✘ 1. 1-B, 2-C, 3-D, 4-A

✘ 2. 1-C, 2-A, 3-B, 4-D

✔ 3. 1-C, 2-B, 3-D, 4-A

✘ 4. 1-C, 2-B, 3-A, 4-D

Question ID : **59445929534**

Status : **Answered**

Chosen Option : **3**

Q.2 Who is the author of 'My Unforgettable Memories'?

Ans ✔ 1. Mamata Banerjee

✘ 2. Jawaharlal Nehru

✘ 3. Rahul Gandhi

✘ 4. Shashi Tharoor

Question ID : **59445929526**
Status : **Answered**
Chosen Option : **4**

Q.3 The unit in which Electric Conductance is measured is _____.

Ans ✘ 1. Tesla

✘ 2. Ohm

✘ 3. Farad

✔ 4. Siemens

Question ID : **59445929521**
Status : **Answered**
Chosen Option : **4**

Q.4 Which book has won the Rabindranath Tagore Literary Prize 2019?

Ans ✘ 1. Imperfect

✔ 2. Solo

✘ 3. Lethal White

✘ 4. Quichotte

Question ID : **59445929522**
Status : **Not Answered**
Chosen Option : **--**

Q.5 What is the minimum transfer limit for Real Time Gross Settlement (RTGS) as of June 2020?

Ans ✔ 1. Rs 2 lakh

✘ 2. Rs 2.5 lakh

✘ 3. Rs 1 lakh

✘ 4. Rs 1.5 lakh

Question ID : **59445929528**
Status : **Answered**
Chosen Option : **2**

Q.6 Consider the following statements regarding Kuchipudi.

1. Kuchipudi is one of the classical styles of Indian dance.
2. Kuchipudi is a name of a village in Karnataka.
3. It is a dance drama which was known under the generic name 'Yakshagana'.
4. Usually, Jatiswaram is performed as the nritta number.

Which of the statements given above is/are correct?

Ans
✅ 1. 1, 3 and 4 only

❌ 2. 1, 2 and 3 only

❌ 3. 1 only

❌ 4. 2 only

Question ID : **59445929537**
Status : **Answered**
Chosen Option : **3**

Q.7 Rajyavardhan Singh Rathore won a silver medal in 2004 Olympics for _____.

Ans
❌ 1. tennis

✅ 2. shooting

❌ 3. boxing

❌ 4. wrestling

Question ID : **59445929529**
Status : **Answered**
Chosen Option : **2**

Q.8 Consider the following statements about alluvial soils.

1. One of the most important and fertile soils of India they support the growth of a wide variety of crops such as rice, wheat, sugarcane, cotton, jute, potato and vegetables.
2. Alluvium are fine particles of rock materials carried in suspension and later deposited by the river in its bed and bank.
3. Alluvial soils are not formed by the deposition of silt by the rivers.

Which of the statements given above is/are correct?

Ans
❌ 1. 3 only

✅ 2. 1 and 2 only

❌ 3. 1 only

❌ 4. 1, 2 and 3

Question ID : **59445929539**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Consider the following statements about the Kakori train conspiracy.

1. In the incident of Kakori, the main conspirator was Ram Prasad Bismil.
2. The Kakori train robbery incident took place 16 km away from Lucknow on 9 August 1924.

Which of the statements given above is/are correct?

Ans

✗ 1. Neither 1 nor 2

✓ 2. 1 only

✗ 3. 2 only

✗ 4. Both 1 and 2

Question ID : **59445929531**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Mariana Trench, the deepest part of Earth, lies in the _____ Ocean.

Ans

✗ 1. Arctic

✗ 2. Atlantic

✓ 3. Pacific

✗ 4. Indian

Question ID : **59445929525**
Status : **Answered**
Chosen Option : **3**

Q.11 Which king of Magadha was called 'the destroyer of all Kshatriyas'?

Ans

✗ 1. Bindusara

✗ 2. Ajatashatru

✗ 3. Chandragupta

✓ 4. Mahapadma Nanda

Question ID : **59445929523**
Status : **Answered**
Chosen Option : **3**

Q.12 Consider the following statements about natural phenomena.

1. Penitentes are formed in high altitudes where sunlight turns ice directly into water vapour rather than melting it to water.
2. During an eruption in volcanoes ash picks up so much friction that the build-up of static electricity causes lightning.
3. Salar de Uyuni is the world's largest salt flat at 10582 km^2 and holds around half the world's reserves of lithium.
4. Fire rainbows are caused by fire or rain.

Which of the statements given above are correct?

Ans

✓ 1. 1, 2 and 3 only

✗ 2. 1, 2 and 4 only

✗ 3. 1, 3 and 4 only

✗ 4. 1, 2, 3 and 4

Question ID : **59445929538**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Consider the following statements about the Constitution of India.

1. Article 41- Right to work, to education and to public assistance in certain cases.
2. Article 128- Official language or languages of a state.
3. Article 361- Protection of President and Governors and Rajpramukhs.

Which of the statements given above is/are correct?

Ans
✗ 1. 1 only

✗ 2. 1, 2 and 3

✔ 3. 1 and 3 only

✗ 4. 2 and 3 only

Question ID : **59445929540**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Which among following statements about Satpura Range is/are correct?

1. Mountain Range Satpura and Vindhya Found in the Eastern part of India.

2. The range, the name of which means "Seven Folds," forms the watershed between the Narmada (north) and Tapti (south) rivers.

3. It peaks more than 4,000 feet (1,200 metres) high, the Satpura Range includes the Mahadeo Hills to the north, the Maikala Range to the east, and the Rajpipla Hills to the west.

Ans
✗ 1. 2 only

✗ 2. 1 and 3

✔ 3. 2 and 3

✗ 4. 1 only

Question ID : **59445929535**
Status : **Answered**
Chosen Option : **3**

Q.15 Among the following statements which is/are correct.

1. Plants convert energy from sunlight into food stored as carbohydrate's.
2. Plants have chlorophyll.
3. Plant cells do not have cell wall.
4. Non-vascular plants grow very tall.

Ans
✗ 1. 1, 2, 3 and 4

✔ 2. 1, 2 and 3

✗ 3. 1, 2 and 4

✗ 4. 1 and 2

Question ID : **59445929536**
Status : **Marked For Review**
Chosen Option : **3**

Q.16 What does the term 'carbon count' mean?

1. A measure of the amount of carbon dioxide you produce through your lifestyle every day.
2. A measure of the amount of carbon present on Earth.
3. A measure of the amount of carbon and carbon dioxide on Earth.

Select the correct answer using the code given below.

Ans ✗ 1. 1, 2 and 3

✗ 2. 2 only

✔ 3. 1 only

✗ 4. 1 and 2

Question ID : **59445929533**
Status : **Marked For Review**
Chosen Option : **2**

Q.17 The Hereileu song is known as the war song of which of the following states?

Ans ✗ 1. Sikkim

✔ 2. Nagaland

✗ 3. Manipur

✗ 4. Arunachal Pradesh

Question ID : **59445929527**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Phulaich is a colourful festival of the State of _____.

Ans ✔ 1. Himachal Pradesh

✗ 2. Uttar Pradesh

✗ 3. Madhya Pradesh

✗ 4. Andhra Pradesh

Question ID : **59445929530**
Status : **Not Answered**
Chosen Option : **--**

Q.19 In which year was the Khalsa tradition initiated?

Ans ✗ 1. 1692

✔ 2. 1699

✗ 3. 1690

✗ 4. 1696

Question ID : **59445929524**
Status : **Not Answered**
Chosen Option : **--**

Q.20 The economic survey 2019-20 was chore to continue with the popular tradition of presenting the survey in two volumes:

I Volume II reviews recents developments in the major sectors of the economy and is supported by relevant statistical tables and data.
II Volume I attempts to capture ideas that encapsulate "economic freedom and wealth creation," provided evidence based economic analyses of recent economic development to enable informed policy making.

Ans ✗ 1. I only

✗ 2. II only

✔ 3. I and II

✗ 4. Neither I and II

Question ID : **59445929532**
Status : **Not Answered**
Chosen Option : **--**

Section : **Numerical aptitude**

Q.1 A = 1200 – X where X is a real number. A > 0 and A is divisible by 3, 5, 7 and 11. The sum of the two largest possible value of X is:

Ans ✗ 1. 45

✗ 2. 55

✗ 3. –1110

✔ 4. –1065

Question ID : **59445929548**
Status : **Answered**
Chosen Option : **1**

Q.2 The price of petrol rises by 60%. By what percentage should one minimise the use of petrol so that the expenditure towards petrol is not affected?

Ans ✗ 1. 36.5

✗ 2. 38.5

✗ 3. 35.5

✔ 4. 37.5

Question ID : **59445929549**
Status : **Answered**
Chosen Option : **4**

Q.3 The graph shows the temperature variance of a city in degree celsius. Which month has seen the highest spike in temperature over the previous month, in terms of percentage?
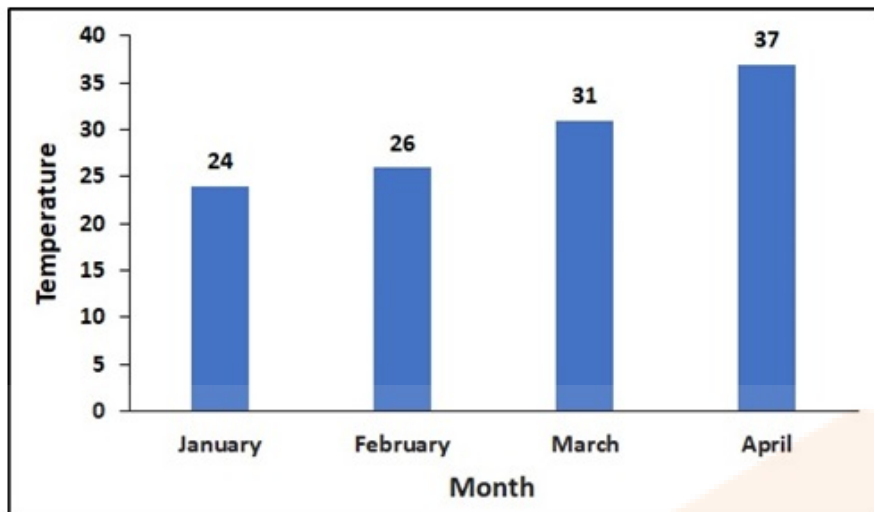
Ans ✔ 1. April

✘ 2. January

✘ 3. February

✘ 4. March

Question ID : **59445929544**
Status : **Answered**
Chosen Option : **1**

Q.4 Study the table below and answer the question that follows. What is the average number of workers in IT team for the time span 2011 to 2014?

NUMBER OF WORKERS IN DIFFERENT DEPARTMENTS				
Year	Management	Content	IT	Product
2011	20	12	10	14
2012	12	14	12	12
2013	19	16	10	13
2014	22	8	8	8
2015	24	10	12	16

Ans ✘ 1. 8

✘ 2. 9

✔ 3. 10

✘ 4. 12

Question ID : **59445929543**
Status : **Answered**
Chosen Option : **3**

Q.5 If $x > 0$ and $x^1 + x^{-1} \leq 2$, then what is the value of

$(x^1 + x^{-1})^1 + (x^2 + x^{-2})^2 + (x^3 + x^{-3})^3 + \ldots (x^{11} + x^{-11})^{11}$ is:

Ans   ✗ 1. 4864

   ✗ 2. 4210

   ✔ 3. 4094

   ✗ 4. 5234

Question ID : **59445929556**
Status : **Answered**
Chosen Option : **3**

Q.6 The expression $(x - \sqrt{2})(x - \sqrt{4})$ goes through its minima at the value of $x = a$. Find the value of $2a - \sqrt{2}$.

Ans   ✗ 1. $\sqrt{2}$

   ✗ 2. 1

   ✔ 3. 2

   ✗ 4. 0

Question ID : **59445929551**
Status : **Answered**
Chosen Option : **3**

Q.7 Which of the given frequency polygons represents the following frequency distribution?

Class	4 - 8	8 - 12	12 - 16	16 - 20	20 - 24
Frequency	2	4	5	3	2

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
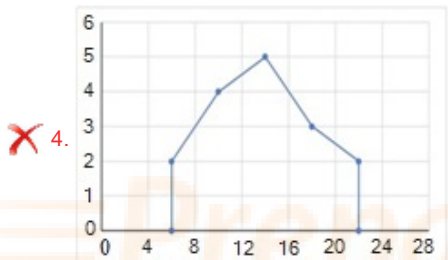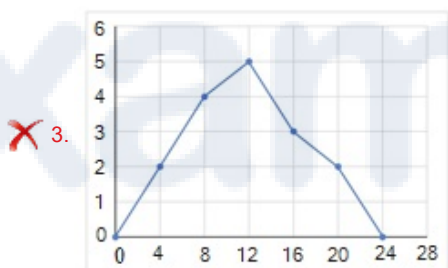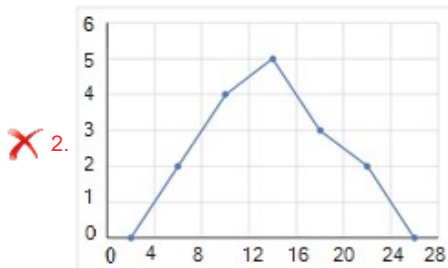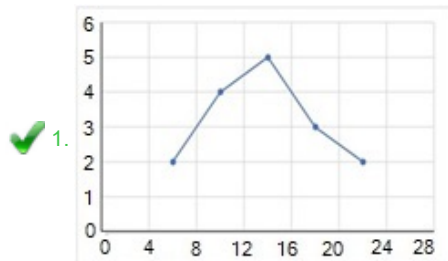
Question ID : **59445929541**
Status : **Answered**
Chosen Option : **3**

Q.8 Length of a rectangle is 7 cm more than its breadth and length of diagonal of the rectangle is 13 cm. What is the area of a square having perimeter same as the perimeter of given rectangle?

Ans ✘ 1. 36.25 cm^2

✘ 2. 42.25 cm^2

✘ 3. 56.25 cm^2

✔ 4. 72.25 cm^2

Question ID : **59445929560**
Status : **Answered**
Chosen Option : **4**

Q.9 A fixed sum is lent out in two parts in such a way that the interest on the first part at 1 percent for 1 year is equal to that on the second part at 2% for 2 years. Find the square root of the ratio of the first part to the second part.

Ans
✗ 1. 3

✗ 2. 4

✗ 3. 1

✔ 4. 2

Question ID : **59445929553**
Status : **Answered**
Chosen Option : **4**

Q.10 A chord, at a distance of 1 unit from the centre, has a length equal to $k^2\sin\left(\frac{\pi}{4}\right)$ and the radius of the circle is $(-k)\sin\left(\frac{\pi}{3}\right)$. What is the value of k, if k is an integer?

Ans
✔ 1. -2

✗ 2. 4

✗ 3. 3

✗ 4. 2

Question ID : **59445929552**
Status : **Answered**
Chosen Option : **4**

Q.11 A completes $\frac{1}{8}$ part of a given work in 8 days while B completes $\frac{2}{5}$ part of the same work in 16 days. If A and B work together, then what will be the number of days taken by them to finish the work?

Ans
✗ 1. $\dfrac{325}{12}$

✗ 2. 25

✔ 3. $\dfrac{320}{13}$

✗ 4. 32

Question ID : **59445929550**
Status : **Answered**
Chosen Option : **3**

Q.12 Raushan can complete the wall putty work in 6 days and Satyam can complete it in 12 days. While working together with Raghu, they completed the job in 2 days only. In how many days Raghu alone can complete the job?
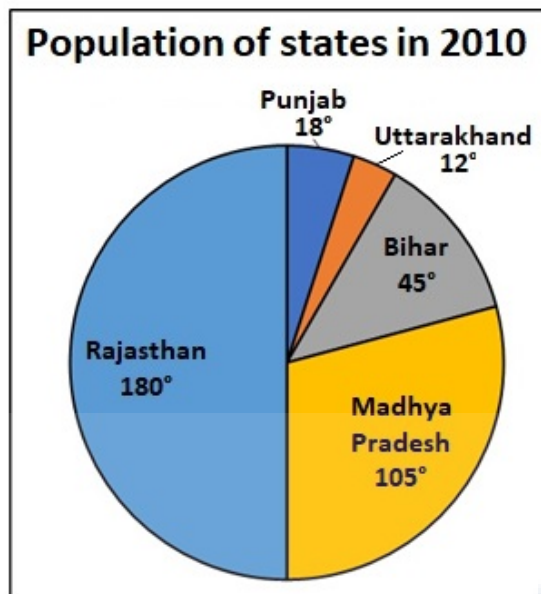
Ans
✗ 1. 6 days

✔ 2. 4 Days

✗ 3. 8 Days

✗ 4. 12 Days

Question ID : **59445929555**
Status : **Answered**
Chosen Option : **2**

Q.13 The following pie chart shows the population of 5 states of India in 2010. What is the population of Rajasthan if the total population of these 5 states is 16200000?

Population of states in 2010

Ans

✗ 1. 4725000

✗ 2. 540000

✓ 3. 8100000

✗ 4. 810000

Question ID : **59445929547**
Status : **Answered**
Chosen Option : **3**

Q.14 A sum of Rs. 20000 is invested for three years at compound interest. The rate of interest for first year is 20 percent per annum, for second year it is 15 percent per annum and for third years it is 10 percent per annum. Find the interest for the third year.

Ans

✓ 1. Rs. 2760

✗ 2. Rs. 2190

✗ 3. Rs. 2620

✗ 4. Rs. 2340

Question ID : **59445929558**
Status : **Answered**
Chosen Option : **1**

Q.15 A bus is travelling at a constant speed of 48 Km/hr. What is the distance travelled by bus from 1:20 pm to 3:40 pm?

Ans ✘ 1. 326 Km

✔ 2. 112 Km

✘ 3. 340 Km

✘ 4. 144 Km

Question ID : **59445929546**
Status : **Answered**
Chosen Option : **2**

Q.16 Population of a city is 148000 and out of which 78000 are males and 40 percent population is literate. If 55 percent males are literate, then what is the number of females who are literate?

Ans ✘ 1. 18500

✘ 2. 15800

✔ 3. 16300

✘ 4. 14200

Question ID : **59445929559**
Status : **Answered**
Chosen Option : **3**

Q.17 Five bells commence tolling together and toll at intervals of 2, 4, 9, 12 and 15 seconds respectively. In 45 minutes, how many times do they toll together?

Ans ✘ 1. 10

✔ 2. 16

✘ 3. 15

✘ 4. 8

Question ID : **59445929545**
Status : **Answered**
Chosen Option : **3**

Q.18 A bathtub can be filled by a cold pipe in 15 minutes and by a hot pipe in 10 minutes. A man opens both the taps at 7 a.m. and leaves the bathroom. He returns at the time when the tub was expected to be full, but he observes that the waste pipe in the bottom was open and the tub was not full. He now closes it, and it takes 4 more minutes before the tank is full. After using the bathtub for 10 minutes, he opens the waste pipe. At what time will the tub be empty?

Ans ✔ 1. 29 minutes past 7 a.m.

✘ 2. 31 minutes past 7 a.m.

✘ 3. 33 minutes past 7 a.m.

✘ 4. 27 minutes past 7 a.m.

Question ID : **59445929542**
Status : **Answered**
Chosen Option : **1**

Q.19 Find the average of first 50 natural numbers.

Ans

✗ 1. 50.15

✗ 2. 20.75

✗ 3. 51.3

✔ 4. 25.5

Q.20

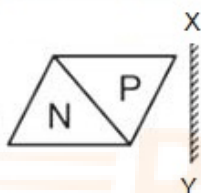If b is the mean proportion to a and c with a common ratio $\sqrt[3]{\dfrac{2}{3}}$, then

$(a-b)^3 : (b-c)^3$ is:

Ans

✗ 1. 1 : 2

✔ 2. 2 : 3

✗ 3. 1 : 1

✗ 4. 3 : 2
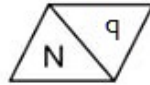
Section : **Reasoning Logical aptitude**

Q.1 If a mirror is placed on the line XY, which of the answer figure is the mirror image of the figure given below.

Question Figure:

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Q.2 Three statements are followed by four conclusions numbered 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 statements.

Statements:
1. All parrots are ducks.
2. No duck is a kite.
3. All falcons are kites.

Conclusions:
I.   Some falcons are parrots.
II.   No kite is a parrot.
III. No parrot is a falcon.
IV.   Some kites are parrots.

Ans

✗ 1. Only conclusions I and II follow.

✔ 2. Only conclusions II and III follow.

✗ 3. Only conclusions I and IV follow.

✗ 4. Only conclusions I, II and IV follow.

Question ID : **59445929573**
Status : **Answered**
Chosen Option : **2**

Q.3 In the following question, select the odd figure from the given alternatives.

Ans

✔ 1.
```
F  L  K
T
H
```

✗ 2.
```
A        P
         K
R        Q
```

✗ 3.
```
H  A  B

T        F
```
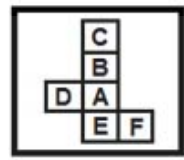
✗ 4.
```
R  P  K

M        L
```

Question ID : **59445929571**
Status : **Not Answered**
Chosen Option : **--**

Q.4 If 'A' means '÷', 'B' means '–', 'C' means '+' and 'D' means '×', then 32 C 19 B 44 A 11 D 2 =?

Ans

  ✔ 1. 43

  ✘ 2. 45

  ✘ 3. 47

  ✘ 4. 41

Question ID : **59445929565**
Status : **Answered**
Chosen Option : **1**

Q.5 Which of the following cubes can be formed by folding the given figure?

Ans

  ✘ 1.

  ✔ 2.

  ✘ 3.

  ✘ 4.

Question ID : **59445929570**
Status : **Answered**
Chosen Option : **3**

Q.6 In the following question, select the related letters from the given alternatives.

ABC : HGF : : XYZ : ?

Ans

  ✘ 1. FGR

  ✔ 2. EDC

  ✘ 3. DFG

  ✘ 4. GHY

Question ID : **59445929561**
Status : **Answered**
Chosen Option : **2**

Q.7 Vimal is shorter to Vikram and taller than Rakesh, Ravi is Shorter to Vinay and taller than Vikram. Find the third tallest person?

Ans
✗ 1. Rakesh

✓ 2. Vikram

✗ 3. Ravi

✗ 4. Vinay

Question ID : **59445929563**
Status : **Answered**
Chosen Option : **2**

Q.8 Kishore, Aashay, Swapan, Atul, Varun and Harshit are sitting around a round table facing the centre. Varun is to the right of Kishore, who is opposite Atul, Swapan is neither next to Aashay nor Harshit, Harshit is opposite Varun. Who is to the right of Harshit?

Ans
✗ 1. Swapan

✗ 2. Kishore

✗ 3. Atul

✓ 4. Aashay

Question ID : **59445929574**
Status : **Answered**
Chosen Option : **4**

Q.9 In the question, below are three statements followed by four conclusions numbered I, II, III, and IV. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statements:
I. Some Mirrors are not Glasses.
II. All Glasses are Strong.
III. Some Strong are Fragile.

Conclusions:
I. Some Mirrors may be glasses.
II. Some Glasses are Fragile.
III. All Mirrors are Strong.
IV. Some Mirrors are Fragile.

Ans
✗ 1. Conclusion II and III only

✗ 2. Conclusion I and II only

✗ 3. Conclusion III and IV only

✓ 4. Conclusion I only

Question ID : **59445929567**
Status : **Answered**
Chosen Option : **4**

Q.10 In the following question, select the odd group of numbers from the given alternatives.

Ans
- ✗ 1. (43, 47, 55)
- ✗ 2. (11, 15, 23)
- ✗ 3. (31, 35, 43)
- ✔ 4. (13, 17, 29)

Q.11 Which of the following option will come in place of '?'.

6	5	20
8	9	56
3	7	?

Ans
- ✔ 1. 12
- ✗ 2. 13
- ✗ 3. 15
- ✗ 4. 14

Q.12 'A + B' means 'A is the father of B', 'A – B' means 'A is the sister of B', 'A × B' means 'A is the brother of B','A ÷ B' means 'A is the daughter of B'.

If J ÷ K – L + M × N, then how is K related to N?

Ans
- ✗ 1. Cousin
- ✔ 2. Paternal aunt
- ✗ 3. Maternal aunt
- ✗ 4. Mother

Q.13 ABC Company has decided to recruit equity research analyst. The candidate must

1. Be a graduate in any discipline with 70 percent marks
2. Be between 25 and 40 years old as on 01/01/2020.
3. Must have completed CFA and FRM.
4. Have knowledge of at least two programming languages like R, SQL, Tableau etc.

The following exceptions apply:
A. If a candidate meets all other criteria except 4 above, the candidate will be referred to the Manager.
B. A candidate whose age is more than 40 years but less than 45 years will be referred to the General Manager.

Ashish is working at Citi Bank for 5 years now. He was born on 5/02/1992. He has completed his CFA and FRM in 2015. He has done certified courses on R Programming and SQL from Udemy. He did his B.Com (H) from HIJ College and scored 80 percent marks.

What decision should be taken about this candidate?

Ans

✗ 1. The candidate should be referred to the General Manager.

✗ 2. The candidate should be referred to the Manager.

✗ 3. The candidate should be rejected.

✔ 4. The candidate should be selected.

Question ID : **59445929577**
Status : **Answered**
Chosen Option : **4**

Q.14 Which letter-cluster will replace the question mark (?) in the following series?

GXB, JVD, MTF, PRH, ?
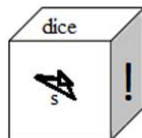
Ans

✗ 1. RQI

✔ 2. SPJ

✗ 3. SQJ

✗ 4. RPJ

Question ID : **59445929566**
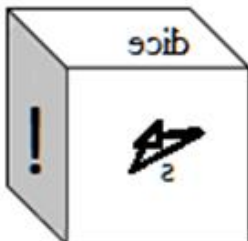Status : **Answered**
Chosen Option : **2**

Q.15 Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held at the right side?
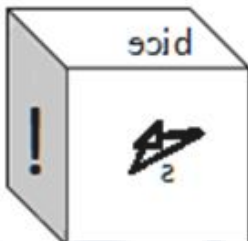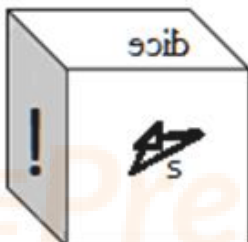
Problem figure:

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Question ID : **59445929580**
Status : **Answered**
Chosen Option : **4**

Q.16 Question given below is followed by two arguments numbered I and II. You have to decide which of the arguments is a "strong" argument and which is a "weak" argument. Give answer.

Statement:
Should robots replace astronauts in space missions?

Arguments:
I. Yes, this will save the precious life of human beings.
II. No, this will make space missions more expensive.

Ans ✘ 1. Only argument II is 'strong':

✘ 2. Neither I nor II is 'strong'.

✘ 3. Both I and II are 'strong'.

✔ 4. Only argument I is 'strong'.

Question ID : **59445929572**
Status : **Marked For Review**
Chosen Option : **2**

Q.17 Among five persons Sunny, Swati, Somya, Surbhi and Sapna; Swati was elder to Somya but younger to Sunny. Surbhi was elder to Sunny who was elder to Sapna who was not the youngest. Who among them was the youngest?

Ans ✘ 1. Surbhi

✔ 2. Somya

✘ 3. Sunny

✘ 4. Swati

Question ID : **59445929575**
Status : **Answered**
Chosen Option : **2**

Q.18 If the HCF of two numbers is 55 and the LCM is 110, then what are the two numbers?

Ans ✘ 1. 11, 55

✘ 2. 11, 110

✘ 3. 10, 55

✔ 4. 55, 110

Question ID : **59445929576**
Status : **Answered**
Chosen Option : **4**

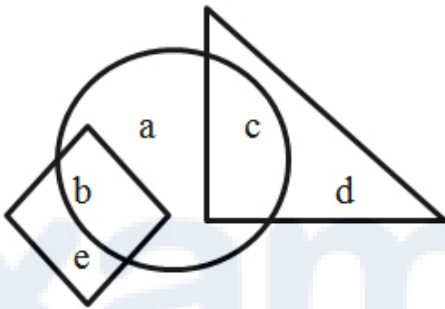**Q.19** Find the wrong term in the following series

DWIK, HUML, LSQM, PQUN, TOXO

Ans ❌ 1. PQUN

❌ 2. LSQM

❌ 3. HUML

✅ 4. TOXO

Question ID : **59445929578**	
Status : **Answered**	
Chosen Option : **4**	

Q.20 In the following figure, Rhombus represents Authors, Circle represents Poets and triangle represents Actors. Which set of letters represents Poets who are neither Actors nor Authors?

Ans ✅ 1. a

❌ 2. d

❌ 3. e

❌ 4. b

Question ID : **59445929569**	
Status : **Answered**	
Chosen Option : **1**	

Section : **English**

Q.1 Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.

The ability to read old Sanskrit scriptures (in today's world seems like a lost art).

Ans ❌ 1. in today's world seem like an lost art

✅ 2. No correction required

❌ 3. in today's world seem like a lost art.

❌ 4. in todays' world seems like a lost art

Question ID : **59445929585**	
Status : **Answered**	
Chosen Option : **2**	

Q.2 Choose the word that can substitute the given sentence.

The study of human races

Ans ✗ 1. Entomology

✔ 2. Ethnology

✗ 3. Ethology

✗ 4. Etymology

Question ID : **59445929600**	
Status : **Answered**	
Chosen Option : **2**	

Q.3 A sentence has been given with a blank to be filled with an appropriate word. Choose the correct alternative.

The Egyptian mongoose is mainly _____, although it sometimes hunts during the day.

Ans ✗ 1. avarice

✗ 2. pliant

✔ 3. nocturnal

✗ 4. substantial

Question ID : **59445929587**	
Status : **Answered**	
Chosen Option : **2**	

Q.4 Choose the word that is opposite in meaning to the given word.

Ludicrous

Ans ✗ 1. Profuse

✗ 2. Whimsical

✗ 3. Jovial

✔ 4. Humorless

Question ID : **59445929599**	
Status : **Answered**	
Chosen Option : **4**	

Q.5 Which of the following is incorrectly spelt?

Ans ✗ 1. Sanitaire

✗ 2. Dissimilarity

✗ 3. Contrast

✔ 4. Contianment

Question ID : **59445929595**	
Status : **Answered**	
Chosen Option : **4**	

Q.6 In the given question, four words are given out of which one word is correctly spelt. Choose the correctly spelt word.

Ans
✔ 1. Gorgeous

✘ 2. Gorgeuos

✘ 3. Gorgeius

✘ 4. Gorgious

Question ID : **59445929597**

Status : **Answered**

Chosen Option : **1**

Q.7 Select the most appropriate meaning of the underlined idiom in the given sentence.

Quit <u>banging the drum</u> for that candidate, he is simply not qualified for the job.

Ans
✘ 1. To compel

✘ 2. To be aggressive

✘ 3. To criticize

✔ 4. To voice one's support

Question ID : **59445929596**

Status : **Answered**

Chosen Option : **4**

Q.8 Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.

A republic is a form of government (where country is considered a) "public matter", not the private concern or property of the rulers.

Ans
✘ 1.
where the country is to be considered an

✘ 2.
in which country is considering a

✘ 3. No Correction Required

✔ 4.
in which the country is considered a

Question ID : **59445929588**

Status : **Answered**

Chosen Option : **4**

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 improvement'.

There are many health related benefits in <u>becoming active and participating in</u> local sport and recreational activity.

Ans

✗ 1. becomes active and participates

✗ 2. become active and participate in

✔ 3. No improvement

✗ 4. becoming active and participating

Question ID : **59445929592**
Status : **Answered**
Chosen Option : **3**

Q.10 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

Any portion of the underground rhizome when broken of (1)/ is capable of producing a new plant; hence the (2)/ difficulty of eradicating them when once established. (3)/ No Error (4)

Ans

✔ 1. Any portion of the underground rhizome when broken of

✗ 2. No Error

✗ 3. difficulty of eradicating them when once established.

✗ 4. is capable of producing a new plant; hence the

Question ID : **59445929583**
Status : **Answered**
Chosen Option : **1**

Q.11 In the following question, some parts of the sentence may have errors. **Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.**

Neither the severe earthquake or the subsequent famine could demoralise the people of the country.

Ans

✗ 1. Neither the severe earthquake

✗ 2. could demoralise the people of the country.

✔ 3. or the subsequent famine

✗ 4. No error

Question ID : **59445929582**
Status : **Answered**
Chosen Option : **3**

Q.12 **Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.**

She has being (1)/ trying to call (2)/ her mother since morning. (3)/ No error (4)

Ans ✗ 1. her mother since morning.

✗ 2. No error

✓ 3. She has being

✗ 4. trying to call

Question ID : **59445929581**
Status : **Answered**
Chosen Option : **3**

Q.13 **Out of all the alternatives given, select the word which closely fits the given idiom/phrase.**

A blessing in disguise

Ans ✗ 1. to not judge someone or something based solely on appearance.

✗ 2. to describe exactly what is causing a situation or problem.

✗ 3. not feeling good.

✓ 4. a misfortune that eventually results in something good happening later on.

Question ID : **59445929598**
Status : **Answered**
Chosen Option : **4**

Q.14 **The given sentences have been jumbled up. Arrange these sentences in a meaningful order.**

P. There were some mangoes lying beside him.
Q. She looked at the mangoes longingly.
R. Romi was growing fast and was nearly always hungry.
S. Just as he was about to eat one, Kamla came along.

Ans ✓ 1. RPSQ

✗ 2. PSQR

✗ 3. RPQS

✗ 4. RSPQ

Question ID : **59445929591**
Status : **Answered**
Chosen Option : **1**

Q.15 The following four parts need to be reordered to form a coherent and grammatical sentence. Indicate the correct order.

a. the illusion that
b. the original painting still hangs
c. the world is still under
d. in the Winter Palace

Ans ✗ 1. ACDB

✗ 2. BACD

✗ 3. ABCD

✔ 4. CABD

Question ID : **59445929590**
Status : **Answered**
Chosen Option : **4**

Q.16 Select the word that is opposite in meaning (ANTONYM) to the word given **below**

Apprise

Ans ✗ 1. Inform

✗ 2. Acquaint

✔ 3. Deceive

✗ 4. Enlighten

Question ID : **59445929594**
Status : **Answered**
Chosen Option : **3**

Q.17 A sentence has been given with a blank to be filled with an appropriate word. Choose the correct alternative.

Either he or I _____ leading the team tomorrow.

Ans ✗ 1. are

✗ 2. is

✗ 3. were

✔ 4. am

Question ID : **59445929586**
Status : **Answered**
Chosen Option : **4**

Q.18 Some parts of a sentence have been jumbled up, and labelled P, Q, R and S. Select the option that gives the correct sequence in which these parts can be rearranged to form a meaningful and grammatically correct sentence.

Science progresses by

P. or by experimentation,
Q. collection of observations
R. whereas pseudo sciences do
S. not worry about

observation and experiments.

Ans   ✘ 1. QSPR

     ✘ 2. QRPS

     ✔ 3. QPRS

     ✘ 4. RPQS

Question ID : **59445929589**
Status : **Answered**
Chosen Option : **3**

Q.19 The sentence below has four parts (A, B, C, and D). One part has a grammatical error. Identify the part.

Modern political praxis (A)/ is thoroughly now (B)/ permeated with C)/ a productivist ethos. (D)

Ans   ✔ 1. is thoroughly now

     ✘ 2. Modern political praxis

     ✘ 3. a productivist ethos

     ✘ 4. permeated with

Question ID : **59445929584**
Status : **Answered**
Chosen Option : **3**

Q.20 Choose the word that can substitute the given sentence.

Not fit to eat

Ans   ✘ 1. Inevitable

     ✘ 2. Potable

     ✘ 3. Gourmet

     ✔ 4. Inedible

Question ID : **59445929593**
Status : **Answered**
Chosen Option : **4**