

190 Questions

Que. 1 Which country plans to set up the first nuclear reactor on the moon?

1. China
2. India
3. the USA
4. the UAE
5. Russia

Que. 2 Which of the following digital payment platform has announced that to wind down its domestic payment services in India with effect from April 01, 2021?

1. PayPal
2. Paydiant
3. Visa Checkout
4. Apple Pay
5. Square Order

Que. 3 The Reserve Bank of India estimates GDP growth to be ___ in 2021-2022

1. 10.5%
2. 11.5%
3. 9.8%
4. 8.9%
5. 8.8%

Que. 4 In 2012, Reserve Bank of India (RBI), Reduced the validity period of Cheques, Demand Drafts, Pay Orders and Banker's Cheques from 6 months to 3 months, from the date of issue of the instrument. Which section in the Negotiable Instruments Act, 1881, deals with Cheques?

1. Section 6
2. Section 5
3. Section 4
4. Section 7
5. None of the above

Que. 5 Bhawana Kanth becomes 1st woman fighter pilot to be part of IAF's tableau belongs to which state?

1. Uttar Pradesh
2. Jharkhand
3. Haryana
4. Punjab
5. Bihar

Que. 6 WTO headquarter is situated at?

1. Washington, D.C, USA

2. Geneva, Switzerland
3. Manila, Philippines.
4. Dubai, United Arab Emirates
5. None of the above

Que. 7 In Feb 2021, who among the following was elected as the next Director-General of the International Solar Alliance (ISA)?

1. Ajay Mathur
2. Upendra Tripathy
3. Raj Kumar Sing
4. Pawan Munjal
5. Dinesh Paliwal

Que. 8 In Dec 2020, who among the following became the first Indian to finish on the podium at the Individual Wrestling World Cup in Belgrade, Serbia?

1. Sakshi Malik
2. Vinesh Phogat
3. Anshu Malik
4. Kavita Devi
5. Babita Phogat

Que. 9 Which of the following cricketer has been awarded the ICC Men's T20I Cricketer of the Decade award 2020? (Dec 2020)

1. Virat Kohli
2. Rashid Khan
3. Steve Smith
4. MS Dhoni
5. None of the above.

Que. 10 ICICI Bank opens representative office in _____.

1. Bhutan
2. China
3. Nepal
4. France
5. USA

Que. 11 What is the share of Government of India in NABARD?

1. 50%
2. 51%
3. 75%
4. 99%
5. 100%

Que. 12

In Jan 2021, who among the following has been appointed as the new CEO of Ayushman Bharat or Pradhan Mantri Jan Arogya Yojana and the National Health Authority (NHA)?

1. Dr. Vipul Goyal
2. Dr. Indu Bhushan
3. R S Sharma
4. V K Paul
5. Rakesh Asthana

Que. 13 In September 2020, which of the following has reviewed the Priority Sector Lending (PSL) Guidelines?

1. RBI
2. NABARD
3. SEBI
4. IRDAI
5. NHB

Que. 14 Diego Maradona passed away in November 2020. He was related to which sport?

1. Chess
2. Tennis
3. Basket Ball
4. Football
5. Cricket

Que. 15 The Tapovan Vishnugad Power Plant is a 520MW run-of-river project being constructed on Dhauliganga River in Chamoli District of which state?

1. Uttar Pradesh
2. Uttarakhand
3. Himachal Pradesh
4. Punjab
5. Haryana

Que. 16 Mutual Funds are regulated in the country by _____.

1. IRDA
2. Association of Mutual Funds of India (AMFI)
3. NABARD
4. Securities and Exchange Board of India
5. Reserve Bank of India

Que. 17 According to a report by Brand Finance, which company has been ranked third most-valued IT services brand globally?

1. TCS
2. Infosys
3. HCL
4. Wipro

5. Accenture

Que. 18 The government has made FASTag mandatory to allow users to avail any kind of discount at the highway toll plazas across the country. FASTag uses which of the following technology for it's working? (August 2020)

1. NFC
2. RFID
3. LiDAR
4. SODAR
5. None of the above

Que. 19 Recently, In Budget 2021 how much amount has been proposed by Finance Minister Nirmala Sitharaman for further recapitalization of public sector banks? (Feb)

1. Rs 10,000 crore
2. Rs 20,000 crore
3. Rs 30,000 crore
4. Rs 40,000 crore
5. Rs 50,000 crore

Que. 20 In Jan 2021, India has developed its first-ever indigenously made 9mm machine pistol. It has been jointly developed by the Defence Research and Development Organisation (DRDO) and the Indian Army. What is the name of the weapon?

1. Saksham
2. Prayag
3. Akshay
4. Asmi
5. Virat

Que. 21 In Feb 2021, Government of India announced to set up a new Centre for Wetland Conservation and Management (CWCM) in which of the following cities?

1. Guwahati
2. Kochi
3. Mussoorie
4. Chennai
5. Dehradun

Que. 22 In Dec 2020, Hawker culture of which country was added to the Unesco list of Intangible Cultural Heritage of Humanity?

1. Thailand
 2. Singapore
 3. India
 4. France
 5. Vietnam
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Que. 23 In Jan 2021, The Reserve Bank of India (RBI) has decided to introduce the Legal Entity Identifier (LEI) system for all payment transactions of value ₹50 crore and above. LEI consists of how many digits?

1. 10
2. 12
3. 15
4. 16
5. 20

Que. 24 PM Modi laid the foundation stone of Light House projects (LHPs). It is related to ____

1. Shipping
2. Defence
3. Housing
4. IT
5. None of the above

Que. 25 Who makes rules and regulations for the scheduled commercial banks in India?

1. RBI
2. SBI
3. SEBI
4. NABARD
5. Finance ministry

Que. 26 Who is the Chief Executive Officer (CEO) of Twitter?

1. Omid Kordestani
2. Evan Williams
3. Noah Glass
4. Jack Dorsey
5. Biz Stone

Que. 27 Who heads the National Disaster Management Authority?

1. Prime Minister
2. Home Minister
3. President
4. Defense Minister
5. Chief of army

Que. 28 Which of the following won the Best Film award at the 63rd Jio Filmfare Awards 2018?

1. Toilet-Ek Prem Katha
2. Newton
3. Rustom
4. Hindi Medium
5. Pan Singh Tomar

Que. 29 How many members in the Legislative Assembly of the West Bengal?

1. 290
2. 294
3. 293
4. 292
5. 300

Que. 30 Which company launched the India's 1st field ready electric tractor 'Tiger Electric'?

1. Sonalika
2. Mahindra & Mahindra
3. Tata
4. Tesla
5. Eicher Motors

Que. 31 What is the maturity period for senior citizen savings scheme?

1. 3 years
2. 5 years
3. 2 years
4. 7 years
5. 4 years

Que. 32 When was RBI nationalized?

1. 1935
2. 1947
3. 1949
4. 1950
5. 1983

Que. 33 Shahid parvez is related to _____.

1. Sitar
2. Tabla
3. Flute
4. Paino
5. Shenai

Que. 34 The 15-day annual tribal fair or Adivasi Mela started on 26 Jan 2021 in which city?

1. Bhubaneswar
 2. Kolkata
 3. Nashik
 4. Pune
 5. None of these
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Que. 35 The Struggle of My Life is an autobiography of _____.

1. Sachin Chauhan
2. Lord Mountbatten
3. Badshah Khan
4. Lal Krishna Advani
5. Chetan Bhagat

Que. 36 How many banking ombudsmen are there in 2019 in India?

1. 22
2. 21
3. 19
4. 23
5. 20

Que. 37 In Feb 2021, which of the following organisations released India Energy Outlook 2021?

1. Ministry of Power
2. International Energy Agency
3. Bureau of Energy Efficiency
4. Central Electricity Authority
5. Indian Energy Exchange Limited

Que. 38 Mashak Rakshak, India's first standardised medical insurance policy for vector-borne diseases, has been suggested by which of the following?

1. NITI Aayog
2. Finance Commission
3. Ministry of Health and Family Welfare
4. IRDAI
5. Finance Ministry

Que. 39 According to the Electoral Bonds Scheme 2018, the validity of Electoral Bonds has been defined as _____.

1. 15 days
2. 45 days
3. 30 days
4. 50 days
5. 60 days

Que. 40 In the Union Budget 2021-22, the govt plans to allow the incorporation of one-person companies with no restriction on paid-up capital and turnover. Which of the following is true regarding this?

1. Non-resident Indians will also be allowed to incorporate one-person companies in India
2. This will boost revenues of big companies
3. The residency limit for an Indian citizen is reduced to set up an OPC from 182 days to 120 days
4. Only citizens of India will also be allowed to incorporate one-person companies in India
5. Only 1 and 3

Que. 41 _____ is looking to tap into as it seeks to encourage people to gift 'social security' plans to their loved ones.

1. Sukanya Samriddhi Yojana
2. Pradhan Mantri Vaya Vandana Yojana
3. Jeevan Suraksha Bandhan Yojana
4. PMJDY
5. Atal Pension Yojna

Que. 42 How many General Insurance Companies are there in India?

1. 32
2. 33
3. 34
4. 35
5. 36

Que. 43 In Dec 2020, the Bank of Baroda (BoB) has launched the Atmanirbhar Women Scheme as part of its Baroda Gold Loan. Under the scheme, the bank is offering loans at what percent concession for women?

1. 0.25
2. 0.75
3. 0.85
4. 0.50
5. 1.00

Que. 44 Which of the following banks has introduced a Kisan credit card loan scheme for fishermen in Tamil Nadu?

1. Canara Bank
2. HDFC Bank
3. Indian Bank
4. Axis Bank
5. None of the above

Que. 45 In Jan 2021, which of the following has launched a new feature 'Safe Pay' to make digital payments more secure and reduce online payment frauds?

1. India Post Payment Bank
2. Google Pay
3. Airtel Payments Bank
4. Paytm Payment Bank
5. PhonePe

Que. 46 What does 'F' stands for in the scheme PMFBY?

1. Foreign
2. Font

3. Fasal
4. Fabric
5. Frontier

Que. 47 India and ADB sign USD 231 million loan to augment electricity generation capacity in which of the following state?

1. Assam
2. Arunachal Pradesh
3. Mizoram
4. West Bengal
5. None of the above.

Que. 48 ANBC is the net bank credit plus investments made by banks in non-SLR bonds held in the held-to-maturity category or credit equivalent amount of off-balance-sheet exposure, whichever is higher. What does 'C' stand-in ANBC?

1. Credit
2. Cash
3. Category
4. Commerce
5. None of the above

Que. 49 In which of the following years, the Basel - I accord was introduced?

1. 1980
2. 2004
3. 1988
4. 1993
5. 1972

Que. 50 The third pillar of BASEL-II Accord is known as _____.

1. Market Discipline
2. Stare Decisis
3. Exchange Control
4. Blue Sky Law
5. Bundle of Rights

Que. 51 **Directions:** In the following question, a sentence is divided into three parts, given in columns 1, 2 and 3. Match the statements from column 1 with those in columns 2 and 3 and find which of the following triplets given in the options make contextually and grammatically correct sense.

Column 1	Column 2	Column 3
A. The spacecraft studied the soil around the	D. called SAM (or Sample Analysis at Mars), which	P. any ambiguity, the presence of water on Mars for the first time.
B. Mars is comparatively	E. lander with its robotic arm and was able to establish, without	Q. contains a suite of spectrometers with the goal of detecting organic compounds on Mars.

C. The Curiosity rover carries an instrument	F. hospitable in terms of temperature, with an approximate	R. range between 20 degrees C at the Equator to minus 125 degrees C at the poles.
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1. BDQ
2. BFR and CDQ
3. CFP
4. AFR and CDQ
5. None of the above

Que. 52 Directions: In the following question, a sentence is divided into three parts, given in columns 1, 2 and 3. Match the statements from column 1 with those in columns 2 and 3 and find which of the following triplets given in the options make contextually and grammatically correct sense.

Column 1	Column 2	Column 3
A. The nature of the crime, and whether the juvenile	D. Delhi gangrape in which one of the accused was just short of 18 years	P. to be determined by a Juvenile Justice Board.
B. The amendment passed by the Union Cabinet this week has	E. included for the first time the category of "serious crimes" differentiating it	Q. and was therefore tried as a juvenile.
C. This provision received an impetus after the 2012	F. should be tried as a minor or a child, was	R. from heinous crimes, while retaining heinous crimes.

1. CDR
2. AFP
3. BER
4. BFQ
5. BER and AFP

Que. 53 Directions: In the following question, a sentence is divided into three parts, given in columns 1, 2, and 3. Match the statements from column 1 with those in columns 2 and 3 and find which of the following triplets given in the options make contextually and grammatically correct sense.

Column 1	Column 2	Column 3
A. Our young startups are bubbling with energy and enthusiasm	D. therefore, defined the texture of a human	P. Juvenile Delinquency Law and the Juvenile Justice (Care and Protection of Children Act) 2000.
B. The Juvenile Justice (Care and Protection of Children) Act was	E. which needs to be tapped and given the full-throttle rocket-propulsion	Q. relationship in terms of service and connection.
C. The pandemic has,	F. introduced and passed in Parliament in 2015 to replace the	R. into the stratosphere of unicorns and decacorns.

1. BFP and CDQ
2. BFP
3. CEP
4. BEP
5. AFQ

Que. 54

Directions: In the following question, a sentence is divided into three parts, given in column 1, 2 and 3. Match the statements from column 1 with those in columns 2 and 3 and find which of the following triplets given in the options make contextually and grammatically correct sense.

Column 1	Column 2	Column 3
A. Some of our enlightened corporate	D. have sovereign wealth funds	P. are felt by each and every citizen of the country.
B. There is a great window of opportunity to catalyse funding for startups	E. that are emerging from India as providers of technology, products and services to ensure their positive multiplier effects	Q. are known for their mentoring and help to such startups.
C. Close to 50 countries currently	F. leaders, like Ratan Tata and Sanjiv Mehta	R. that play the role of active institutional investors.

1. AEP
2. BDQ
3. CDR
4. CDR and AEP
5. ADQ

Que. 55 Directions: In the following question, a sentence is divided into three parts, given in columns 1, 2, and 3. Match the statements from column 1 with those in columns 2 and 3 and find which of the following triplets given in the options make contextually and grammatically correct sense.

Column 1	Column 2	Column 3
A. The Fifteenth Finance Commission (FFC) has	D. to its business ecosystem and tax architecture to	P. government to local governments for 2021-26.
B. However, India still needs to make some critical changes	E. from our country by startup hubs such as	Q. Singapore, Hong Kong and the United States.
C. Many entrepreneurs today are lured away	F. recommended grants of Rs 4,36,361 crore from the Union	R. create Whitney Wolfe Herds at the same rate as advanced nations.

1. AER
2. BFR
3. CFP
4. AFP
5. AFP and CFP

Que. 56 Find out the most effective word from the given options to fill the blanks of the following questions.

- A. The idea of our intelligence operation here is to make those situations safer, not to _____ them with thoughtlessness.
- B. At the time he had opposed such a move as likely to _____ matters.
- C. Everyone hereabouts knows the situation; we all avoid doing anything to _____ it.

1. unique
2. exacerbate
3. contend

4. cite
5. Unfathomable

Que. 57 Find out the most effective word from the given options to fill the blanks of the following questions.

- A. They knew Bunner had been his friend and there were none of the usual cops _____.
 - B. Home could feel terribly quiet and empty after the cozy _____ of the office.
 - C. This is the time for business questions, not _____.
1. chivalry
 2. badinage
 3. stench
 4. irascible
 5. wistful

Que. 58 Find out the most effective word from the given options to fill the blanks of the following questions.

- A. The triggering infection may have seemed _____ at the time.
 - B. The most destructive temptation for a leader is one that seems _____.
 - C. Passing a note under the glass also looks _____ on a security camera.
1. compendium
 2. nefarious
 3. innocuous
 4. nuance
 5. abridge

Que. 59 Directions: In a given question, three words are underlined we need to find out the word that has the same meaning as these three words have.

What baffles and confuses modern viewers about the Nazca Lines is their scale and their incomprehensible dimensions have led some to peddle racist conspiracy theories that they were created by aliens.

1. temperate
2. turpitude
3. esoteric
4. ideology
5. genteel

Que. 60 Directions: In a given question, three words are underlined we need to find out the word that has the same meaning as these three words have.

Special and distinct collection can be curated by brands during festive or wedding season based on the unique Indian consumers' tastes and preferences

1. incense
 2. peculiar
 3. morose
 4. maverick
 5. sacrilege
-

Que. 61 Directions: In a question given below an incomplete sentence that must be filled/ completed with one of the sentences/phrases given below i.e. one of the sentences/phrases can be fit into the given blanks. Choose the correct option and complete the given sentences.

Cyber physical systems _____ due to the destruction of conventional jobs and the mechanization of jobs.

1. deals with training youth for new kinds of jobs that would have ben created
2. deal with training youth for new kinds of jobs that would be create
3. deal with train youth for new kinds of jobs that would be created
4. deals with training youth for new kinds of jobs that would be created
5. deal with training youth for new kinds of jobs that would be created

Que. 62 Directions: In a question given below an incomplete sentence that must be filled/ completed with one of the sentences/phrases given below i.e. one of the sentences/phrases can be fit into the given blanks. Choose the correct option and complete the given sentences.

Zero budget farming is a form of natural farming _____.

1. which is neither chemical-loaded or organic with its reliance on manure.
2. which is neither chemical-loaded nor organic with its reliance on manure.
3. which is either chemical-loaded nor organic with its reliance on manure.
4. who is neither chemical-loaded nor organic with its reliance on manure.
5. which is neither chemical-loaded nor organic with it's reliance on manure.

Que. 63 Directions: In a question given below an incomplete sentence that must be filled/ completed with one of the sentences/phrases given below i.e. one of the sentences/phrases can be fit into the given blanks. Choose the correct option and complete the given sentences.

Forecasts of heavy rains across key central and western growing regions _____.

1. have stoked fears of potential crop losses at the second half of September
2. have stoke fears of potential crop losses in the second half of September
3. has stoked fears of potential crop losses in the second half of September
4. have stoked fears of potential crop losses in the second half of September
5. have stoked fears of potential crop losses in second half of September

Que. 64 Directions: In a question given below an incomplete sentence that must be filled/ completed with one of the sentences/phrases given below i.e. one of the sentences/phrases can be fit into the given blanks. Choose the correct option and complete the given sentences.

NASA's exploration of Mars _____ that may have existed, and relate it to finding evidence of ancient life.

1. have focused on finding traces and trails of water
2. has focused on finding traces and trails of water
3. has focused on find traces and trails of water
4. has focused on finding traces and trail of water
5. focused on finding traces and trails of water

Que. 65 Directions: Given below is a word, followed by three sentences which consist of that word. Identify the sentence(s) that don't/doesn't express the meaning of the word.

PARODY

A. It also includes some brilliant parodies.

- B. He had become a grotesque parody of himself and the gallery, at last, began to avert its eyes.
 C. There is a twist to his parody tale.

1. Only A
2. Both A and B
3. Only C
4. Both B and C
5. Only B

Que. 66 Directions: Given below is a word, followed by three sentences which consist of that word. Identify the sentence(s) that don't/doesn't express the meaning of the word.

COVENANT

- A. The contract contained a restrictive covenant against building on the land.
 B. The company's CEO seems to have been involved in some covenant practices/activities.
 C. We covenant together to support each other.

1. Only C
2. Only B
3. Both A and B
4. Both A and C
5. Only A

Que. 67 Directions: Given below is a word, followed by three sentences which consist of that word. Identify the sentence(s) that don't/doesn't express the meaning of the word.

ABNEGATE

- A. The government could not abnegate responsibility for the defects.
 B. Recently the firm has been connected with more abnegate bids than successes.
 C. Many churches make audio or video recordings of their services available for an abnegate charge.

1. Both A and C
2. Only A
3. Only C
4. Both B and C
5. Only B

Que. 68 Directions: Choose the combination that completes the sentence.

A. I didn't tell her that he was late	i. yet	E. a cat
B. I will be going to the market	ii. because	F. Not now, I still have time.
C. I have two goldfish	iii. for	G. I didn't want to cause her any alarm.

1. B-iii-G
2. C-i-G
3. A-ii-G
4. C-iii-E
5. A-iii-G

Que. 69 Directions: Choose the options that complete the sentence.

A. He may be the best-dressed man around.	i. yet	D. he has really good taste in fashion.
B. Don't be unsociable.	ii. But	E. selling hand-made objects is the main source of income for locals.
C. Plenty of tourists visit the area in summer.	iii. Accordingly	F. go out and make some friends.

1. C-iii-E
2. A-i-E
3. A-i-D
4. B-ii-F
5. C-ii-F

Que. 70 Directions: Seven sentences are given, in which one sentence is jumbled; also one sentence is going to be filled with the appropriate word. Firstly, arrange the jumbled sentence to form a meaningful sentence and then finally arrange the sentences to form a meaningful paragraph. Out of the seven sentences, there is one sentence that does not fit into the theme of the passage thus formed. Read the sentences carefully and answer the questions that follow.

P: Second, act as a platform for attracting private excess global debt capital and Third, bring to the market innovative financial solutions that reduce risk and improve return profiles.

Q: *garnering adequate capital(A)/sector seems a mammoth task(B)/With the pandemic,(C)/ / for the infrastructure(D) /*

R: *To give India's infrastructure sector a further boost, a National infrastructure Bank can be the third key element along with the already existing _____ project pipeline and favorable public policy.*

S: This bank can be formed with a vision of achieving three key objectives First, provide long-term and flexible funding for Infrastructure projects that match the project tenure requirements.

T: Infrastructure investment in digital technology increased access to mobile broadband, fibre-optic cable connections, and power-supply expansion combined with the expansion of low-cost smartphones has enabled millions of Indians to connect to the internet for the first time.

U: This is the appropriate time for the country to set up a National Infrastructure Bank.

V: The solution lies in setting up a robust financial institution, which can be at the forefront of India's infrastructure growth story.

What will come at LAST place?

1. Q
2. R
3. S
4. V
5. U

Que. 71 What will come at SECOND place?

1. P
2. U
3. V
4. S
5. R

Que. 72 What will come at FOURTH place?

1. Q
2. P
3. R
4. U
5. S

Que. 73 **Direction: Arrange the jumbled sentence into a meaningful sentence.**

garnering adequate capital(A)/sector seems a mammoth task(B)/With the pandemic,(C)/ /for the infrastructure(D) /

1. CADB
2. BDAC
3. DBAC
4. ADCB
5. ABCD

Que. 74 **Direction: Find the appropriate word to fill the blank.**

To give India's infrastructure sector a further boost, a National infrastructure Bank can be the third key element along with the already existing _____ project pipeline and favorable public policy.

1. Weak
2. Fragile
3. Determined
4. Languid
5. Robust

Que. 75 Find the sentence which doesn't fit into the context.

1. Q
2. T
3. R
4. S
5. P

Que. 76 **Direction: Read the passage given below and answer the following questions.**

Artificial intelligence is as abstract as thought, written in computer code, but people imagine AI embodied in humanoid form. Robotic hardware has a lot of catching up to do, however. Realistic, AI-generated avatars will have AI-generated conversations and sing AI-generated songs, and even teach our children. Deepfakes also exist, where the face and voice of one person, for example, is transposed onto a video of another. We've also seen realistic AI-generated faces of people who don't exist. Researchers are working on combining the technologies to create realistic 2D avatars of people who can interact in real time, showing emotion and making context-relevant gestures. A Samsung-associated company called Neon has introduced an early version of such avatars, though the technology has a long way to go before it is practical to use. Such avatars could help revolutionize education. Artificial intelligence researchers are already developing AI tutoring systems that can track student behavior, predict their performance and deliver content and strategies to both improve that performance and prevent students from losing interest. AI tutors hold the promise of truly personalized education available to anyone in the world with an Internet-connected device — provided they are willing to surrender some privacy. "Having a visual interaction with a face that

expresses emotions, that expresses support, is very important for teachers,” said Yoshua Bengio, a professor at the University of Montreal and the founder of Mila, an artificial intelligence research institute. Korbit, a company founded by one of his students, Iulian Serban, and Riid, based in South Korea, are already using this technology in education, though Bengio says it may be a decade or more before such tutors have natural language fluidity and semantic understanding. There are seemingly endless ways in which artificial intelligence is beginning to touch our lives, from discovering new materials to new drugs — AI has already played a role in the development of COVID-19 vaccines by narrowing the field of possibilities for scientists to search — to picking the fruit we eat and sorting the garbage we throw away. Self-driving cars work, they’re just waiting for laws and regulations to catch up with them.

According to you, how can real 2D avatars help in education?

1. They can provide visual interaction which will help teachers in better interaction with students.
2. 2D avatars are built to tutor Teachers.
3. They can provide vague interaction which will help teachers in better interaction with students.
4. 2D avatars are not built to help tutoring the students.
5. None of the above.

Que. 77 AI-generated face refers to-

1. Creating real faces using AI technology.
2. Creating computer codes
3. Creating natural environment using AI technology
4. Creating Artificial humans using AI technology
5. Creating fake faces using AI technology

Que. 78 Direction: Identify the correct statements with reference to the passage.

I: AI tutoring system can help in tracking the behaviour of the student and help in improving their performances too.

II: Artificial Intelligence has a very limited application.

III: Korbit is using Artificial Intelligence in Education.

1. Only I and III
2. Only II and I
3. Only I
4. Only II and III
5. Only II

Que. 79 Direction: Identify the correct statements with reference to the passage.

I: Deepfake is used to replace the likeness of one person with another in video and other digital media.

II: Artificial Intelligence can help revolutionize Education.

III: 2D avatars are developed to have recorded interaction.

1. Only I
2. Only I and II
3. Only II and III
4. Only I and III
5. Only III

Que. 80 Practical

Synonym: _____, Antonym: _____

1. Real, Actual
2. Impracticable, Inaccessible
3. Inapplicable, Real
4. Pragmatic, Idealist
5. Applicable, Actual

Que. 81 Direction: Read the passage given below and answer the following questions.

Astroscale is a space sustainability company headquartered in Tokyo that is committed to creating solutions for removing potentially dangerous space junk. As space tourism missions to the ISS (International Space Station) become more prevalent, even more attention will have to be paid to orbital highways to ensure their maintenance and cleanliness. It's more than a courtesy, it's a matter of space safety. Even without private space tours, the prevalence of space junk and the risk of collisions have skyrocketed with the emergence of SpaceX, OneWeb, and other companies that send thousands of rockets into LEO. It is quickly becoming a safety issue—SpaceX's huge Starlink project has made Earth's orbit much more dangerous which is why Astroscale aerospace engineer Jonathan Rasmussen is calling for more accountability from prominent satellite companies around the life and death of satellites and intentional de-orbiting. De-orbiting refers to the discarding of defunct junk in space. "In order to mitigate space debris," he says. "There should be some form of binding international policy where satellite operators and builders send out their satellites with a predetermined plan for the end of life, where they purposely de-orbit it with their last ounce of fuel versus letting the satellites just float around up there." The company's End-of-Life Services demonstration (ELSA-d) mission, launching in less than two months, seeks to exhibit the company's ability to capably and safely find, dock with, and remove orbital debris. The ELSA-d space debris removal mission revolves around two pieces of machinery: a service vehicle (approximately 175 kg) and a smaller client vehicle (approximately 17 kg). The service vehicle is the deorbiter, which physically seeks out, latches onto, and retrieves target debris objects.

The emergence companies like SpaceX, OneWeb has increased the risk of

1. private space tours
2. Espionage
3. Collision
4. Satellite de-orbiting
5. Space junk and collision

Que. 82 What is space debris?

1. It is a functional artificial material that is orbiting Earth.
2. It is an artificial material that is orbiting Earth but is no longer functional.
3. It is a natural material orbiting around the Earth.
4. Astrocycle is sending debris to space.
5. It is referred to the collision of the satellites that happens in space.

Que. 83 Direction: Choose the correct statement with reference to the passage.

I: The purpose of Astrocycle's ELSA-d mission is to mitigate debris in space.
II: The Launched satellites are stationed at LEO.
III: Astrocycle is headquartered in South Korea.

1. Only II and III
2. Only III
3. Only II

4. Only I and III
5. Only I and II

Que. 84 Direction: Choose the correct statement with reference to the passage.

I: To ensure space safety, special attention needs to be paid to the maintenance of space debris.
II: SpaceX and OneWeb are trying to mitigate debris in space.
III: The life-cycle of Satellites is not predetermined.

1. Only II and III
2. Only I and III
3. Only II
4. Only I
5. All I, II and III

Que. 85 Prevalent

Synonym: _____, Antonym: _____

1. Popular, usual
2. Unconventional, Unpopular
3. Vogue, Unconventional
4. Unconventional, popular
5. Unpopular, unusual

Que. 86 Directions: Read the following passage and answer the given questions.

As the novel coronavirus (COVID-19) continues to sweep across the United States, it is taking an ever-increasing toll on public health, as well as numerous other industries and sectors. From travel and tourism to finance and construction – almost every aspect of the U.S. economy has faced a lot of **hurdles** due to the global pandemic. One industry that has seen particularly noticeable changes over the past few months is e-commerce. As most states have issued stay-at-home orders in an attempt to slow the spread of the disease, many Americans are now self-isolating while turning to technology for work, education, communication, and shopping. One of the most visible shifts in U.S. consumer demand and behavior, however, can be seen in regard to grocery shopping. According to a global survey conducted in April 2020, roughly 30 percent of U.S. consumers spent more than usual on food and drinks due to COVID-19, with packaged foods, alcohol, and nonperishable items most frequently purchased for their long shelf lives. But not only the amount and type of food that U.S. customers buy and sometimes stockpile has shifted in the first quarter of 2020, but also the preferred avenues. Around 74 percent of surveyed shoppers indicated a willingness to visit online grocery platforms during home isolation to avoid trips to the supermarket. In return, orders on online grocery delivery platforms like Postmates and DoorDash are surging, with Instacart, one of the most popular grocery delivery apps in the United States, seeing a 218 percent increase in downloads in March 2020. But while these services offer customers a safe and flexible alternative to jammed grocery stores or restaurants, companies like Instacart are also facing harsh criticism for their treatment of delivery workers. As couriers are hired as gig workers instead of employees, they do not receive sick pay or other health benefits. Seeing that these **mediocre** contractors work on the frontlines of the pandemic, their lack of financial and physical protection against the coronavirus has been an ongoing point of contention.

Mediocre

Synonym:- _____; Antonym:- _____

1. extraordinary; excellent
2. Average; exceptional
3. indifferent; ordinary
4. excellent; ordinary

5. insignificant; undistinguished

Que. 87 Hurdle

Synonym:- _____; Antonym:- _____

1. Obstacle; Complication
2. impediment; hindrance
3. Difficulty; Barrier
4. Block; Ease
5. Aid; Assistance

Que. 88 Direction: Identify the correct statement/s with reference to the passage.

- I. Roughly 30 percent of U.S. consumers spent more than usual on food and drinks due to COVID-19.
- II. Around 74 percent of surveyed shoppers indicated a willingness to visit online grocery platforms
- III. One industry that has seen particularly noticeable changes over the past few months is e-commerce.
1. Only I
 2. Only II
 3. Only III
 4. Both I and II
 5. All of the above

Que. 89 During this pandemic, what is the point of contention?

1. E-commerce industry
2. US Economy
3. Frontlines workers' protection
4. COVID- 19
5. Jammed grocery stores or restaurants

Que. 90 Rising demand for Online delivery platforms has resulted in-

1. Slowing the spread of the disease
2. A boon for E-commerce industry as well as hurt offline economy.
3. Decrease in demand of frontline workers
4. Increase in public health
5. Increased awareness of global health

Que. 91

Directions: Study the following information carefully and answer the given questions:

A word and number arrangement device when given an input line of words and numbers rearranges them following a particular pattern in each step. The following is an illustration of input and rearrangement.

Input: raised area 3443 below 3251 flower 1034 5284 common 9872

Step 1: #♦@# raised 3443 below 3251 flower 5284 common 9872 8

Step 2: #♦@# ♦@♦%♦ raised 3443 flower 5284 common 9872 8 11

Step 3: #♦@# ♦@♦%♦ ♦%♦♦%♦ raised flower 5284 9872 8 11 14

Step 4: #♦@# ♦@♦%♦ ♦%♦♦%♦ ♦♦%♦@♦ raised 9872 8 1114 19

Step 5: #@# @% %%% %#@ #&@ 8 11 14 19 26

And Step 6 is the last step of the above input. As per the pattern followed in the above steps, find out in each of the following questions the appropriate step for the given input:

Input: saddle 6523 elements 3812 market policy 9108 1227 family 1121

Which element is fourth to the left of "saddle" in step 4?

1. @@@@#%
2. %@@@
3. @@@@%
4. @&@@
5. @@@@

Que. 92 How many elements are there between "saddle" and "12" in step 3rd?

1. Four
2. Five
3. Two
4. Six
5. None

Que. 93 What is the position of "9108" in the step 4?

1. Fifth from the right
2. Fifth from the left
3. Sixth from the left
4. Fourth from the right
5. Both (1) and (3)

Que. 94 Which of the following would be at fourth position from the left end in the step five?

1. %&@
2. %&&
3. %&
4. @%&
5. %&#

Que. 95 Which one of the following is the third step for the given input?

1. @@@@ #& #@@ saddle 6523 9108 policy 5 12 14
2. @@@@ #@@ #@@ saddle 6523 policy 9108 5 12 14
3. @@@@ #& #@@ saddle 6523 policy 9108 5 12 14
4. @@@@ #& #@@ saddle 6523 policy 9108 5 12 14
5. @@@@ #& #@@ saddle 6523 policy 14 9108 5 12

Que. 96 **Direction:** In the following questions, the symbols #, &, %, *, © are used with the following meaning illustrated.

‘M # N’ means ‘M is the son of N

‘M © N’ means ‘M is the Father of N

- 'M * N' means 'M is the husband of N'
'M % N' means 'M is the wife of N'
'M & N' means 'N is the sister of M'
'M @ N' means 'N is the brother of M.'

What should come in the place of a question mark to establish that D is the daughter-in-law of K in the expression 'K % Q ? R @ S * D'

1. #
2. ©
3. Either # or ©
4. @
5. &

Que. 97 If A © B * C & D % E @ F, then how F is related to D?

1. Husband
2. Brother-in-law
3. Sister-in-law
4. Brother
5. Sister

Que. 98 If Q % P © R * S & T , then how is T related to R?

1. Son-in-law
2. Father
3. Mother
4. Grandson
5. Sister-in-law

Que. 99 **Direction (1 – 5):** Read the given information and carefully answer the following questions.

A certain number of people are sitting around a circular table. They all are facing both directions (towards the center and away from the center) and there are few vacant seats as well.

Madhav does not sit to the left of Mani. No one sits to the immediate left of Madhav. Only two people sit between Misha and Mani. Mani sits opposite to Manya and does not face towards the center. Misha, who does not face inside, is an immediate neighbor of Madhav. Manya faces a direction opposite to Madhav who sits fourth to the right of Madhu and faces outside. Manya sits immediate right of Madhu who sits second to the left of Mishti. Mishti does not face towards the center. The number of people sitting between Mishti and Mani is the same as the number of people sitting between Misha and Manya. Manya does not face away from the center.

How many people are sitting in the circular table?

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

Que. 100 Who among the following faces inside?

1. Mani

2. Mishti
3. Madhav
4. Misha
5. No one

Que. 101 How many people sit between Misha and Mishti?

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

Que. 102 Who sits immediately left of Madhu?

1. Manya
2. Misha
3. Madhav
4. Mani
5. No one

Que. 103 The question below consists of two statements labelled I and II. You have to decide whether the data provided in the statements are sufficient to answer the questions. Read both statements and give your answer.

Question: If Ananya ranks 25th from the top in her class, what is her rank from bottom?

(I) Neeraj who is 3 rank above Ananya is 22nd from bottom

(II) Vishal is 5 ranks below Ananya in a class of 43 students

1. Data in statement I alone is sufficient to answer the question
2. Data in the statement either I or II is sufficient to answer the question.
3. Data in statement II alone is sufficient to answer the question
4. Data in both statement I and II together are sufficient to answer the question. Data in both statement I and II together are sufficient to answer the question.

Que. 104 The question below consists of two statements labelled I and II. You have to decide whether the data provided in the statement are sufficient to answer the questions. Read both statements and give your answer.

Question: Among friends A, B, C, D and E each having a different weight, who among them is the heaviest?

(I) D weighs more than only two people. E weighs more than A but less than B.

(II) A weighs more than C but less than E. E is not heavier than B.

1. Data in statement I alone is sufficient to answer the question
2. Data in statement II alone is sufficient to answer the question
3. Data in both statement I and II together are sufficient to answer the question.
4. Data in both statement I and II together are NOT sufficient to answer the question.

Que. 105 The question given below consists of two statements I and II. You have to decide whether the facts given in the statements are sufficient to answer the question given below. Read both the

statements and choose the correct option.

Question: In which direction is A with respect to E?

I. C is to the northwest of E. D is to the east of C. A is to the southwest of C.

II. B is to the west of E. A is to the southwest of C. D is to the northeast of B. A is to the west of B.

1. Only the facts of statement I are sufficient to answer the question.
2. Only facts in statements I and II together are not sufficient to answer the question.
3. The facts of both the statements I and II together are sufficient to answer the question.
4. Only the facts of statement II are sufficient to answer the question.

Que. 106 **Directions:** Study the following information carefully and answer the questions given below.

There are 3 parallel rows, Row I, Row II and Row III, each row consist of 6 people. People sitting in row I are facing south. First three people in row II from the western side are facing north while next three people are facing south. All persons in row III are facing towards north direction.

Row I is to the north of Row II and Row II is to the north of Row III.

L is sitting at the western side of M. C is not sitting at the third position from any of the extreme corners. K is facing south and sitting at the first position from the eastern side. N is not sitting in row III. R was sitting adjacent to the person who was sitting in front of K. One person is sitting between J and the person who is facing R. A is sitting at one of the corners and facing south direction. F is not sitting at any of the corners, O is sitting at one of the corners. 3 persons are sitting between L and M and both of them are facing the same direction. Q is sitting third to the right of K. P is sitting at one of the eastern corners and facing north direction. D is sitting in the front of J. B is sitting third to the right of L. There are 2 persons between one who is sitting in front of B and G, E is not sitting in row I, while F is neither sitting in row I nor in row III. C and O are not sitting in the same row, but C is sitting in the front of the person who is sitting second to the right of F. K and I are facing same directions but they are not neighbours. H is sitting in front of E.

Who is sitting third to left of the person who is sitting adjacent to P?

1. G
2. E
3. J
4. D
5. None of the above

Que. 107 As A is related to Q and D is related to G, which of the following is related to J?

1. B
2. L
3. M
4. O
5. None of the above

Que. 108 Four of the following five options are somehow similar to each other and thus form a group. Which of the following does not belong to that group?

1. A
2. G
3. L
4. O
5. J

Que. 109 Which of the following is sitting next to the right of K.

1. Q
2. R
3. N
4. C
5. None of the above

Que. 110 Who is sitting at third from the west in row II?

1. H
2. F
3. D
4. B
5. I

Que. 111 **Direction:** In each of the following questions two rows of numbers are given. The resultant number in each row is to be worked out separately based on the following rules and the question below the rows of numbers are to be answered. The operations of numbers progress from left to right.

Rules:

- i) If an even number is followed by an odd prime number, then subtract even number from that odd prime number.
- ii) If an even number is followed by a perfect square, then divide even number by perfect square number.
- iii) If an even number is followed by a composite number, then subtract the smaller one from the greater one.
- iv) If an odd number is followed by odd prime number, then subtract smaller one from the greater one.
- v) If an odd number is followed by any composite number, subtract smaller one from the greater one.

Note: If any two conditions co-occur we will consider the first one obtained from (i to v) for the operations.

17 15 5

32 16 7

What would be multiplication of resultants of both the rows?

1. 10
2. 12
3. 15
4. 18
5. None of these

Que. 112 87 97 1
12 1 52

If we divide resultant of row II by resultant of row I, which of the following would be the answer?

1. 1
2. 2
3. 3
4. 4
5. None of these

Que. 113 92 88 5
2 a 7

If 'a' is the resultant of the first row, what is the resultant of second row?

1. 1
2. 11
3. 5
4. 23
5. None of these

Que. 114 16 83 13
27 16 22

What would be the difference between resultant of row I and resultant of row II?

1. 13
2. 39
3. 43
4. 9
5. None of the above

Que. 115 **Directions:** A statement is given followed by two inferences I and II. You have to consider the statement to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given inferences, if any, follow from the given statement.

Statement:

The Delhi High Court directed the Indian Air Force (IAF) to review and change its protocols dealing with issues of stress and substance abuse in the force, saying its systems have to be in tune with the law. The direction by a bench of justices S Muralidhar and Vinod Goel was issued as it disapproved of the manner in which the IAF had kept a 30-year-old corporal confined in a hospital's psychiatric ward as he was an alcoholic.

Which of the following can be logically inferred from the statement above?

Inferences:

I. Delhi High Court wants to make sure the IAF does not think that it is above the law and enjoyed complete impunity.

II. The court was hearing a habeas corpus petition filed about a 30-year-old who was being confined at the Army Hospital.

1. Only I follows
2. Only II follows
3. Both I and II follows
4. Either I or II follows
5. Neither I nor II follows

Que. 116 **Directions:** The critical reasoning question is based on short arguments, a set of statements, or a plan of action. For each question, select the best answer of the choices given and explain why the chosen answer is the right fit.

Statement: Various human activity has led to the water contamination and significant draining of about one-third of the planet's largest underground water reserves and it is unclear how much fluid remains in them.

Which of the following can be the probable reason(s) for the decline of the water reserve?

1. Reduction in the usage of underground water reserves
2. Frequent pumping of water for farming

3. Decline of population all around the world
4. Excessive afforestation
5. All of these

Que. 117 **Directions:**

There are seven different dressshops – L, M, N, N, P, Q and R sold dresses starting from Monday to Sunday (of the same week) not necessarily in same order. The number of dresses sold by the seven dress shops in seven different days are 4, 6, 9, 12, 18, 15 and 27 (not necessarily in same order).

The Shop L sold dresses in one of the days after Friday. On Wednesday, the number of dresses sold are 12. The difference between the number of dresses sold in Monday and Friday is the multiple of the number 7. There are two shops between the shop Q and the shop which one sold 4 dresses. Shop M sold dresses on one of the days immediately before the shop that sold 9 dresses. There are two shops between M and R. There are three shops between the shop Q and O. N not sold the least number of dresses. The sum of dresses sold in Wednesday and Saturday is more than ten and the sum equals to the number of dresses sold on Friday. The difference between the number of dresses sold by Shop M and R is less than five. The Shop which sold 9 dresses not in Friday. The shop Q sold the dresses in one of the days after the shop which sold 4 dresses. The shop which sold more than 12 dresses (not an odd number) is immediately after the one which one sold 12 dresses. Shop Q sold more number of dresses than Shop O.

Which of the following is sold by Shop N?

1. 12
2. 18
3. 27
4. 6
5. 9

Que. 118 Which of the following combinations of “number of dress sold – Day” is true for R?

1. 12 – Wednesday
2. 12 – Saturday
3. 6 – Thursday
4. 4 – Friday
5. 27 – Thursday

Que. 119 Two shops sold dresses in multiple of 9, on successive days. In these two shops, who sold more and on which day?

1. R, Wednesday
2. L, Monday
3. O, Wednesday
4. R, Thursday
5. Q, Friday

Que. 120 The least number of dresses were sold on?

1. Tuesday
2. Friday
3. None of the given options is true.
4. Saturday
5. Sunday

Que. 121 Which of the following combination is true?

1. Monday-6-L
2. Tuesday-15-L
3. Wednesday- 12-R
4. Sunday- 4-P
5. Friday-27-M

Que. 122 **Direction:** read the instructions carefully to answer the questions given below,

Nine person A, B, C, D, E, F, G, H and I have attained the seminar in different three different months September, October and November with three seminars in each month scheduled on 5th, 11th and 22th of the month but not necessarily in the same way. Each of them participated for different topics of seminar which is Clock, Jam, Keys, Lock, Bike, scooty, Pin, Audy and Radio. All of the information is not necessarily in the same way. A attained the seminar in a month having 30 days. There are two people attained the seminar between A and the one the one who attained the seminar of clock. A attained on date 11th of any months.H attained the seminar of Radio. C attained the seminar of keys on even number of date of a month having 30 days. The one who attained the seminar of Bike goes to 5th date of a month having more than 30 days. E goes to attained just before I who goes on even numbered date of a month having more than 30 days. G attained the seminar of Bike. Seminar of Jam is scheduled Just before seminar of Lock. There are one seminar scheduled between seminar of B and C. E attained the seminar on odd number of date of any months. The one who attained the seminar of clock goes just before the one who goes for scooty. F is the last person to attained the seminar and he goes for Audy. D attained in the month having even number of days and on 5th date but not for seminar of radio. There are one seminar scheduled between seminar of Pin and seminar of Audy.

E attained the seminar of Clock on?

1. 11th Oct
2. 5th Oct
3. 11th Sep
4. 5th Nov
5. 22nd Oct

Que. 123 C attained the seminar in which month?

1. October
2. September
3. November
4. January
5. None of these

Que. 124 B attained the seminar of?

1. Clock
2. Bike
3. Jam
4. Keys
5. Lock

Que. 125 A attained the seminar of?

1. Lock
2. Keys
3. Jam
4. Clock
5. Bike

Que. 126 A attained the seminar on?

1. 11th Sep
2. 5th Sep
3. 22nd Sep
4. 5th Oct
5. None of these

Que. 127 **Direction:** Read the following instructions carefully to answer the questions.

There are 21 boxes are setting in a pyramid shape (Right Triangle - pyramid) .Top one than top two and so on. All are facing north direction. The number of people siting above A are odd number. There are two level between A and G. W is siting alone. A is siting with only H and even number of people in that level. B sits just below A and just above S having two more people with him.

S, D and E are siting together and even number of people in that level. P is siting just above O who is siting just above M. Y is siting just above the P and just below the H. P was siting above M and below H. Z is siting just below G with M and Q and even number of people in that level. Q is siting just below R and second to left of J. J sits diagonally opposite to G. C is siting just above D. R, N and V are siting together and odd number of people in that level. V sits diagonally opposite to Z. T, J and L is siting together but not odd number of people in that level. T is siting just below N.

How many person is siting in level which is just below P's level?

1. 5
2. 6
3. 3
4. 8
5. 7

Que. 128 Who is siting with B in that level?

1. H and C
2. Y and C
3. A and D
4. B and D
5. C and D

Que. 129 How many people siting in the level in which Z sits?

1. Five
2. Six
3. Four
4. Three
5. Seven

Que. 130 Who is sitting with A in that level?

1. B
2. H
3. C
4. L
5. S

Que. 131 Who is sitting above A's level?

1. W
2. C
3. D
4. E
5. G

Que. 132 **Directions: A statement is given followed by two inferences I and II. You have to consider the statement to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given inferences, if any, follow from the given statement.**

Statement: According to a recent study mangrove coverage is declining globally because of the construction of river dams.

Inference:

I. Building River dams cast a negative impact on the conditions conducive to the growth of mangroves.

II. Space available for the growth of the plant is now utilized for construction purposes.

1. Only I follows.
2. Only II follows.
3. Both I and II follow.
4. Neither I nor II follows.
5. Either I or II follows.

Que. 133 **One Statement is given followed by two Assumptions, I and II. You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given assumptions can definitely be drawn from the given statement. Indicate your answer.**

Statement: Nalluri Venkata Shivaprasad, an ITI qualified person working as Junior Technical Officer (JTO) in the Vijayawada Municipal Corporation (VMC) and with ACB unearthing assets worth Rs. 15.24 crore registered in his name, has become the top-most corrupt officer in 2017 so far.

Assumption I: The salary assigned to the post of Junior Technical Officer (JTO) is low.

Assumption II: Nalluri Venkata Shivaprasad has no other source of income, didn't win any prize money and didn't acquire assets worth Rs. 15.25 crore through inheritance or gift.

1. Only assumption 1 is implicit
2. Only assumption 2 is implicit
3. Either assumption 1 or 2 is implicit
4. Neither assumption 1 nor 2 is implicit
5. Both assumptions 1 and 2 are implicit

Que. 134 **A statement is given followed by two inferences I and II. You have to consider the statement to be true even if it seems to be at variance from commonly known facts. You have to decide**

which of the given inferences, if any, follow from the given statement.

Statement:

Israel's mayor of Jerusalem Nir Barkat said on Tuesday that moving the U.S. Embassy in Israel from Tel Aviv to the holy city can take "two minutes".

Inferences:

- I. The United States has expressed its willingness to move its Embassy from Tel Aviv to Jerusalem.
- II. The United States considers Jerusalem as the capital of Israel.

1. Only Inference I follows
2. Only Inference II follows
3. Either inference I or II follows
4. Neither inference I nor II follows
5. Both inferences I and II follow

Que. 135 Two statements are followed by two Conclusions I and II. You have to consider the statements to be true, even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions can definitely be drawn from the given statements and indicate your answer accordingly.

Statements:

- I. The Enforcement Directorate (ED) has sought information on offshore investments by directors of RNT Associates, a closely held firm which functions as a family office and investment vehicle of Ratan Tata.
- II. The ED order, dated June 14, also calls for details of investments or loans from RNT Associates and its directors to a Singapore-based entity, RNT Associates Ltd.

Conclusions:

The order is under provisions of the Foreign Exchange Management Act (FEMA) and the documents are being sought for the purpose of investigation under FEMA.

The nature of queries from Enforcement Directorate is related to RNT Associates' investment portfolio. It is compliant with all disclosures and existing laws governing investments and is extending all cooperation.

1. Only conclusion 2 follows
2. Only conclusion 1 follows
3. Either conclusion 1 or 2 follows
4. Neither conclusion 1 nor 2 follows
5. Both conclusions 1 and 2 follow

Que. 136 **Direction:** Read the instructions carefully to answer the questions given below.

An employee log in id is decided on the basis of following conditions:

- 1) City code is (01) for the metro city and for others the city code is (02).
- 2) Birth code will be last two digits of birth year and the birth years are - 1972, 1945, 1943, 1988, 1991, 1962, 1970, 1989, 1982, 1968, 1983 and 1965. (For example an employee whose birth year is 1967 then his birth code is 67)
- 3) There are four departments - Marketing, Production, Administration and HR. All the departments have their different codes as- 92 is the code of Marketing, 98 is the code of production, 67 is the code of HR and 88 is the code of Administration.
- 4) There are four different designation codes - D, K, A and S. D is the code for Chief Executive officer, Executive officer and officer. K is the code for manger, Assistant manager, and general manager. A is the code for Clerk, Law officer and Assistant. S is the code for Auditor, Data processing officer and Internal auditor.

An employee whose date of birth is 1972 is a Manager and his department code is 88. Birth code for Officer is 82 and his department code is 92. Clerk's birth code is 2 less than Manager and his department code is 88. Law officer, Assistant and Data processing officer work in same department and birth code for Law officer is 65. Difference between birth code of Chief executive officer and Officer is 37 and department code for Chief executive officer is either 98 or 88. Birth code for Data processing officer is 62. Chief executive officer is not working in the same department of Data processing officer. Assistant manager and Internal auditor have same department code and their birth code is either 91 or 88. Birth code of Executive officer is 68 and for General manager is 89. Assistant manager is older than Internal Auditor. Executive officer and General manager have same department code but not same as Clerk or Assistant. Executive officer department code is not 92. Birth code for Auditor is either 83 or 43. Assistant is the oldest and belongs to Production department. Assistant manager worked in marketing department. The department code of Auditor is 88.

Employees belongs to D and S department belongs to Delhi and employees from K department belongs to Bangalore.

Note - Only Delhi and Bangalore are metro cities.

What would be the correct combination for City, Birth code, Department code for Assistant manager?

1. 01 - 89 - 92
2. 01 - 88 - 92
3. 01 - 45 - 98
4. 01 - 72 - 67
5. 01 - 88 - 67

Que. 137 How many employees are younger than Chief executive officer.

1. 10
2. 9
3. 8
4. 6
5. 4

Que. 138 Which of the following employees working in same department?

1. Chief executive officer, Manager
2. Clerk, Officer
3. Auditor, Data processing officer
4. General manager, Clerk
5. None of these.

Que. 139 What would be the log in Id for Assistant Manager?

1. 02-68-A-92
2. 01-65-K-92
3. 01-88-K-92
4. 02-89-S-67
5. 02-88-K-92

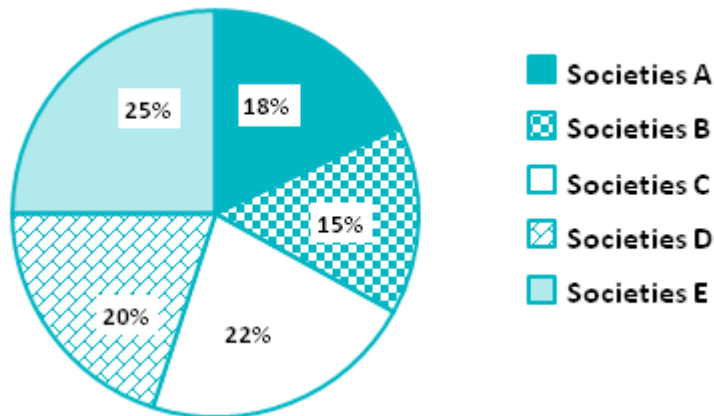
Que. 140 If Clerk belongs to Indore then what would be the code combination of city and department is correct?

1. 01 - 88

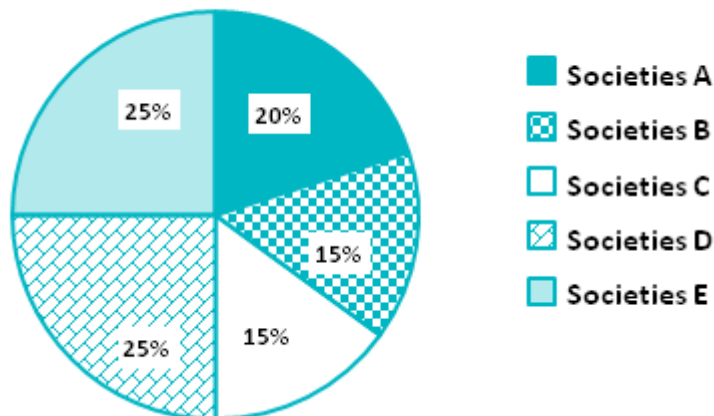
2. 01 - 92
3. 01- 67
4. 02 - 67
5. 02 - 88

Que. 141 Direction [1-5]: Read the following pie charts carefully and answer the following questions

Following pie chart shows the percentage of total population (both Males and Females) in five societies



Following pie chart shows the percentage of Males in all the five cities



Note:

- (i) The difference between the total population in society A and society B is 21
- (ii) The number of males in society B is 33.33% more than the number of females in society B

What is the ratio between the number of males in Society D and E together and number of females in Society A and C together

1. 7 : 10
2. 10 : 7
3. 6 : 1
4. 5 : 3
5. 11 : 5

Que. 142 The number of males in B and C is what percentage of the number of females in the same societies?

1. 86.33%
2. 92.58%
3. 48.76%
4. 110.58%
5. 88.66%

Que. 143 What is the difference between the average number of males in society A, B and D together to the number of females in societies C, D and E together?

1. 15.66
2. 10.33
3. 12.66
4. 11.33
5. 18.66

Que. 144 If 60% of males in society C and 40% of females in society B went to a function, then what is the number of people that attended the function?

1. 45
2. 30
3. 54
4. 28
5. 66

Que. 145 What is the ratio between the number of females in B and E together and number of females in rest of the societies?

1. 2 : 3
2. 3 : 2
3. 1 : 2
4. 5 : 3
5. 2 : 5

Que. 146 The number of females in society B and E together is what percentage of number of males in society A and E together?

1. 33.33%
2. 48%
3. 66.66%
4. 82.5%
5. 58.6%

Que. 147 What approximately will come in the place of the question mark '?' in the following question?

$$[(1105.05/13) - 4.8\% \text{ of } 250 - 7.8\% \text{ of } (35 \times 10)] = ?\% \times 300$$

1. 15
2. 16

3. 32
4. 12
5. 10

Que. 148 What approximately will come in the place of the question mark '?' in the following question?

$$53.003 \times 9.95 \times (257.31 \div 6.01) - (45 \times 5) + 152.21 - 25.31 = ?$$

1. 22465
2. 22692
3. 15234
4. 21123
5. 28234

Que. 149 What approximately will come in the place of the question mark '?' in the following question?

$$555.05 \div 18.5 + 10^5 \div 10^3 + 11^5 \div 11^3 = ?$$

1. 130
2. 250
3. 251
4. 127
5. 156

Que. 150 What approximately will come in the place of the question mark '?' in the following question?

$$144.062 \div 12.02 + 11.99 \div 3.99 \times 16 \div 7.99 = ?$$

1. 25
2. 18
3. 19
4. 32
5. 10

Que. 151 What approximately will come in the place of the question mark '?' in the following question?

$$[29.99\% \text{ of } (2/5) + 50.01\% \text{ of } (2/5) + 30.1\% \text{ of } (2/5)] = ?$$

1. 11/15
2. 22/25
3. 11/25
4. 6/5
5. 17

Que. 152 The ratio of monthly income and saving of A is 5 : 2. The annual expenditure of A is Rs.108000. If the monthly income of A is increased by 20% and monthly saving of A is increased by 10%. Then find by what percentage expenditure of A is increased?

1. 20/3%
2. 50/3%
3. 70/3%
4. 80/3%
5. 40/3%

Que. 153 A, B and C have certain number of chocolates in the ratio of 3 : 2 : 5. If A takes 10 chocolates from B and 20 chocolates from C, the ratio of the chocolates of B and C becomes 1 : 3. What is the total number of chocolates they have initially?

1. 80
2. 90
3. 100
4. 120
5. 110

Que. 154 Find the value of K if one root of equation $4x^2 - 3Kx + 2 = 0$ is 2.

1. -2
2. 3
3. -3
4. 5
5. 2

Que. 155 In an office, the average height of 48 employees is 120 feet. If 'n' employees were included whose average height was 108 feet and now the average height of total employees is 116 feet. Find the total number of employees in an office.

1. 72
2. 70
3. 62
4. 54
5. None of these

Que. 156 The average age of 200 employees in an office is 58 years, where $\frac{3}{5}$ employees are males and remaining employees are females and also the ratio of the average age of male employees to female employees is 5 : 7. Find the average age of male employees.

1. 50 years
2. 70 years
3. 35 years
4. 45 years
5. None of these

Que. 157 A person invested a sum of Rs. 8000 at the rate of 12.5% annually at simple interest for 3 years after getting interest from an amount, he again invested total amount including simple interest at the rate of 20% compounded annually for the same years. Find the total amount.

1. Rs. 19,800
2. Rs. 19008
3. Rs. 18900
4. Rs. 18009
5. None of these

Que. 158 60 men can complete a work in some days, to complete the same work by 40 men took extra 12 days. Then find the days taken by 12 men to complete the $\frac{3}{5}$ th of the total work.

1. 72 days
2. 84 days
3. 60 days
4. 50 days
5. 92 days

Que. 159 **Directions:** Below question is followed by two statements labelled I and II. Decide if these statements are sufficient to conclusively answer the question. Choose the appropriate answer from the options given below:

I) A running track outside of a square park is given.

II) Area of path outside the square park is 112 cm^2 and width of path is 2 cm.

Find area of park.

1. Statement I alone is sufficient to answer the question.
2. Statement II alone is sufficient to answer the question.
3. Statement I and Statement II together are sufficient, but neither of the two alone is sufficient to answer the question.
4. Either Statement I or Statement I alone is sufficient to answer the question.
5. Neither Statement I nor Statement II is sufficient to answer the question.

Que. 160 **Directions:** Below question is followed by two statements labelled I and II. Decide if these statements are sufficient to conclusively answer the question. Choose the appropriate answer from the options given below:

I) There are total 6 numbers in which 3 consecutive even and 3 consecutive odd numbers.

II) Difference between middle term of each odd and even numbers is 7.

Find the average of six number of 6.

1. Statement I alone is sufficient to answer the question.
2. Statement II alone is sufficient to answer the question.
3. Statement I and Statement II together are sufficient, but neither of the two alone is sufficient to answer the question.
4. Either Statement I or Statement I alone is sufficient to answer the question.
5. Neither Statement I nor Statement II is sufficient to answer the question.

Que. 161 There are 3 clubs A, B and C and the ratio of the total population visit in the club is 10 : 12 : 9 respectively. If the number of males visit in club A is 35%, in club B is 45% and in club C is 40% of total population, then find the ratio of total males and females visit in the all clubs together.

1. 29 : 33
2. 25 : 33
3. 22 : 37
4. 22 : 35
5. 25 : 37

Que. 162 In a container contained 160 liters milk. Few litres of milk is replaced by water then the quantity of milk will be 3 times the quantity of water. Again 20 litres of mixture is replaced by 15 litres of water then find the quantity of water in final mixture ?

1. 92 litres
2. 50 litres
3. 45 litres
4. 57 litres
5. None of these

Que. 163 Aditya takes thrice the time taken by Harshit and Vaibhav together to do a job. Harshit takes four times as time taken by Aditya and Vaibhav together do the work. If all three together can complete the job in 24 days, then the number of days, Aditya alone will take to finish the job is:

1. 90 days
2. 96 days
3. 100 days
4. 80 days
5. 110 days

Que. 164 Three friends are invested in a business Rs. 48000, Rs. 52000 and 36000. partnership condition is that, each will get on his capital at the rate of 8% per annum and remaining profit will be divided in the ratio of their capitals. If at the end of the years the total profit is Rs. 32640, then find the share of first friend in the profit.

1. Rs. 11340
2. Rs. 11000
3. Rs. 12500
4. Rs. 11520
5. None of these

Que. 165 Lalit bought second hand Motor cycles and spent Rs. 500 on its repairs. Then he sold it to rajiv at a profit of 10% and then he sold it to muneesh at a loss of 20%, Finally muneesh sold it for Rs. 38720 at a profit of 10%. How much amount did lalit pay initially for the motor cycles.

1. Rs. 39000
2. Rs. 38900
3. Rs. 40000
4. Rs. 39500
5. None of these

Que. 166 A shopkeeper marked a price of an article at $x\%$ above the cost price and he sold it discount of $0.5x\%$, then he earns 8% profit, Find the value of x , if x is greater than 20.

1. 50
2. 60
3. 80
4. 70
5. 90

Que. 167 **Directions:** Below question is followed by two statements labelled I and II. Decide if these statements are sufficient to conclusively answer the question. Choose the appropriate answer from the options given below:

I) Ram takes double time of Suhani to complete $(1/3)$ part of the work.

II) Suhani completes the work in 5 days.

Find the total time taken by Ram and Suhani working together to complete the work.

1. Statement I alone is sufficient to answer the question.
2. Statement II alone is sufficient to answer the question.
3. Statement I and Statement II together are sufficient, but neither of the two alone is sufficient to answer the question.
4. Either Statement I or Statement I alone is sufficient to answer the question.
5. Neither Statement I nor Statement II is sufficient to answer the question.

Que. 168 **Directions:** Below question is followed by two statements labelled I and II. Decide if these statements are sufficient to conclusively answer the question. Choose the appropriate answer from the options given below:

I) A train travel at 20 km/hr for first two hours. Then it travels at 40 km/hr for the next $9/5$ hours. Then he completed $8/11$ part of its journey.

II) Train completed the remaining journey in next $6/5$ hours.

Find average speed of entire journey.

1. Statement I alone is sufficient to answer the question.
2. Statement II alone is sufficient to answer the question.
3. Statement I and Statement II together are sufficient, but neither of the two alone is sufficient to answer the question.
4. Either Statement I or Statement I alone is sufficient to answer the question.
5. Neither Statement I nor Statement II is sufficient to answer the question.

Que. 169 **Directions:** Below question is followed by two statements labelled I and II. Decide if these statements are sufficient to conclusively answer the question. Choose the appropriate answer from the options given below:

I) A man is standing at bridge. Distance from starting point is 250 m and from end of the bridge is 330 m.

II) If a train takes 5 minutes to cross whole bridge at 2 m/s.

Find length of the train?

1. Statement I alone is sufficient to answer the question.
2. Statement II alone is sufficient to answer the question.
3. Statement I and Statement II together are sufficient, but neither of the two alone is sufficient to answer the question.
4. Either Statement I or Statement I alone is sufficient to answer the question.
5. Neither Statement I nor Statement II is sufficient to answer the question.

Que. 170 A circle inside a hexagon, perimeter of hexagon is 84 cm. Find the difference between area of circle and hexagon. Take $\sqrt{3} = 1.73$

1. 46.62 cm^2
2. 45.48 cm^2
3. 49.23 cm^2
4. 52.34 cm^2
5. 42.45 cm^2

Que. 171 In a shooting competition, 150 shooters participated. Every participant picks at least one of the three guns namely A, B, and C. The number of participants who pick all three guns is 26.

Participants who pick gun B are 71. The number of participants who pick exactly two guns is 64. 48 participants pick guns A and C. The number of participants who pick only gun A is 27. The number of participants who pick gun A but not C is 50. The bullets fired from each of the guns either hit the target or missed the target. The bullets missed from gun A only is 70% more than that of the bullets that hit the target from gun A only. The bullets that hit the target from gun C only are 100% more than that of the bullets that missed the target.

What is the number of participants who pick both guns B and C?

1. 45
2. 66
3. 78
4. 90
5. 88

Que. 172 How many participants pick gun C?

1. 95
2. 96
3. 93
4. 97
5. 100

Que. 173 How many participants pick only gun B?

1. 5
2. 3
3. 6
4. 8
5. 10

Que. 174 What is the number of participants who pick guns B and C but not A?

1. 90
2. 52
3. 60
4. 67
5. 58

Que. 175 What is the number of participants who pick at most two guns?

1. 124
2. 150
3. 144
4. 168
5. 50

Que. 176 Match the following column (1) and column (2):

 Quadratic equation 	Relation between Roots
-----------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------

(i) $X^2 - 4X - 12$	(a) Twice of the bigger root will be 6 less than 20
(ii) $Y^2 - 5Y - 14$	(b) The sum of both the roots will be 4
(iii) $Z^2 - 11Z + 30$	(c) Multiplication of both the roots will be 30

- (i) - (a), (ii) - (b), (iii) - (c)
- (i) - (b), (ii) - (a), (iii) - (c)
- (i) - (c), (ii) - (a), (iii) - (b)
- (i) - (b), (ii) - (c), (iii) - (a)
- None of these.

Que. 177 Direction: Study the given data carefully and answer the following question.

There are 3 cars A, B and C. They can travel some distance with different speed.

Car A: It travels some distance which $33\frac{1}{3}\%$ more than the distance travelled by Car B.

Car B: It travels at speed of 50 km/hr for $7\frac{1}{2}$ hours.

Car C: It goes a distance of 400 km at 20% less speed than Car B.

Find the difference between the distance travelled by Car B and Car C.

- 30 km
- 35 km
- 40 km
- 25 km
- 27 km

Que. 178 If the Car A takes 25 hours to travel the distance, then the speed of Car A is how much less than the speed of Car B?

- 30%
- 60%
- 50%
- 25%
- 55%

Que. 179 If the Car C starts travel first and after 2 hours Car B start travelling in the same direction, then find after how many hours Car B meets Car C.

- 7 hours
- 9 hours
- 5 hours
- 8 hours
- 10 hours

Que. 180 Find the time taken by Car C to travel the distance of 400km.

- 8 hours
- 10 hours
- 11 hours

4. 9 hours
5. 12 hours

Que. 181 If the Car A takes 8 hours to travel the distance, then find the speed of Car A.

1. 70 Km/hr
2. 65 Km/hr
3. 67.5 Km/hr
4. 62.5 Km/hr
5. 57.5 Km/hr

Que. 182 Direction: Study the given data carefully and answer the following question.

There are four persons A, B, C, and D. Each person has different types of denomination.

Person	Total amount (in Rs.)	Denomination		
		500	200	20
A	1440	500	200	20
B	1525	200	100	5
C	3710	500	10	20
D	1250	20	5	100

Note: The number of notes of each denomination is the same for each person.

Find the number of notes of each denomination for person C.

1. 4
2. 3
3. 7
4. 9
5. 2

Que. 183 Find the average of the amount of denomination of 200 for person A and the amount of denomination of 100 for person B.

1. Rs.250
2. Rs.350
3. Rs.450
4. Rs.500
5. Rs.300

Que. 184 By what percentage the total amount of person B is more than that of person D?

1. 25%
2. 21%
3. 24%
4. 22%

5. 23%

Que. 185 Find difference between the number of notes of each denomination for person B and person C.

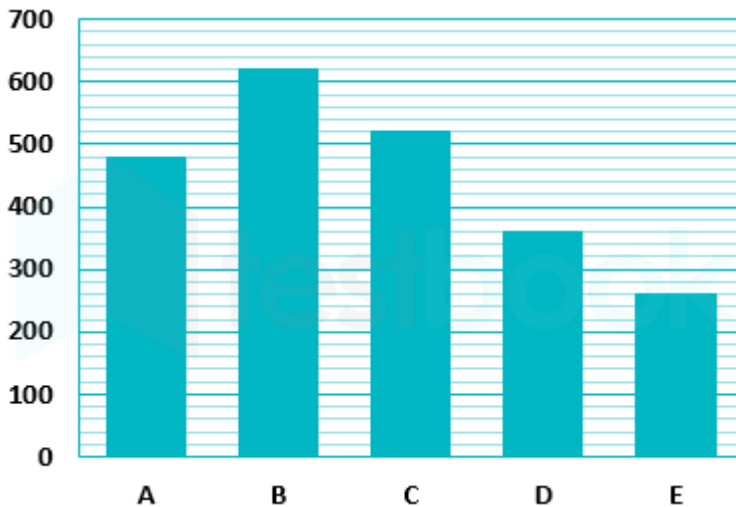
1. 4
2. 1
3. 5
4. 2
5. 3

Que. 186 Find the sum of amount of denomination of 500 for person A and person C.

1. Rs.3500
2. Rs.3000
3. Rs.4500
4. Rs.2500
5. Rs.4000

Que. 187 **Direction:** Read the following bar graph and table and answer the following questions

Following bar graph shows the number of people on which a drug is tested in five centres.



The following table shows the number of persons who developed nausea after taking the drugs

Centre	Number of persons developed Nausea
A	40
B	80
C	110
D	75
E	30

Note:

- (i) 50% of the total volunteers on which the drug is tested in each centre doesn't showed any symptoms.
- (ii) Out of the persons who showed symptoms(either Nausea or Placebo) some developed Nausea while remaining developed Placebo.

What is the ratio between the number of persons who developed Nausea in centre C and the number of

person who developed Nausea in centre B and E together?

1. 2 : 3
2. 5 : 6
3. 1 : 1
4. 7 : 9
5. 2 : 5

Que. 188 What is the average number of persons who developed Placebo?

1. 157
2. 164
3. 158
4. 162
5. 132

Que. 189 The number of persons who developed Nausea in centre A, D and E is what percentage less than the number of persons who developed Placebo in centre C and E together?

1. 58%
2. 65%
3. 35%
4. 42%
5. 55%

Que. 190 What is the difference between the number of persons who developed Placebo in centre C and D together and the number of persons who developed Nausea in the same centres?

1. 65
2. 80
3. 110
4. 50
5. 70