

GSSSB CBRT Adv 378 CCE 2026

Test Date	20/09/2026
Test Time	9:00 AM - 11:00 AM
Subject	378 Combined Competitive Examination

Section : English

Q.1 "He is my elder brother." નો સાચો ગુજરાતી અનુવાદ કયો છે?

- Ans
- ☐ 1. તે મારો ભિત્ર છે.
 - ☐ 2. તે મારા પિતાજી છે.
 - ☐ 3. તે મારો નાનો ભાઈ છે.
 - ☒ 4. તે મારો મોટો ભાઈ છે.

Q.2 Choose the correct option to fill in the blank.

I am not sure _____ he likes the gift sent by me or not.

- Ans
- ☐ 1. since
 - ☒ 2. whether
 - ☐ 3. although
 - ☐ 4. because

Q.3 Select the most suitable option to complete the sentence.

They witnessed _____ unique cultural performance during the festival.

- Ans
- ☐ 1. No article
 - ☒ 2. a
 - ☐ 3. an
 - ☐ 4. the

Q.4 Select the most appropriate meaning of the given proverb.

Never judge a book by its cover.

- Ans
- ☐ 1. Books should be read completely and thoroughly.
 - ☒ 2. Appearances can be misleading.
 - ☐ 3. Expensive things are usually better.
 - ☐ 4. Reading develops character which brings prosperity.

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

The geographer noted that the river _____ its course significantly over the preceding two centuries due to extensive deforestation in the region.

- Ans
- ☐ 1. was changing
 - ☐ 2. has changed
 - ☒ 3. had changed
 - ☐ 4. would change

Q.6 Choose the correct form of future tense:

The diplomatic delegation _____ for Geneva tomorrow evening, following months of intense structural planning.

- Ans
- ☐ 1. leaves
 - ☒ 2. will be leaving
 - ☐ 3. will have been leaving
 - ☐ 4. will have left

Q.7 Read the sentence carefully and identify the other meaning of the highlighted word used in the sentence.

The **band** played a lively tune at the concert.

- Ans
- ☐ 1. a group of dancers
 - ☐ 2. a wristwatch
 - ☐ 3. a musical note
 - ☒ 4. a ring worn on a finger

Q.8 Arrange the following word segments to form a complete sentence:

- (A) left the students thoroughly disappointed
- (B) forcing a sudden cancellation
- (C) of the long-awaited picnic
- (D) torrential morning rain

- Ans
- ☐ 1. C B D A
 - ☐ 2. A D C B
 - ☐ 3. D A C B
 - ☒ 4. D B C A

Q.9 Select the sentence that correctly uses the passive voice.

- Ans
- ☐ 1. The detectives solved the mystery by examining the evidence carefully.
 - ☒ 2. The ancient trade route was blocked by heavy snowfall.
 - ☐ 3. The farmer increased crop production by using drip irrigation.
 - ☐ 4. The patient communicated with the doctor by email.

Q.10 Choose the correct form of future perfect tense of the given sentence:

They reached the station before the train left.

- Ans
- ☐ 1. They will reach the station before the train leaves.
 - ☐ 2. They were reaching the station before the train left.
 - ☒ 3. They will have reached the station before the train leaves.
 - ☐ 4. They had reached the station before the train left.

Q.11 Select the correct one-word substitution for the given group of words.

A person who loves or admires women

- Ans
- ☐ 1. Feminist
 - ☐ 2. Androgynist
 - ☒ 3. Philogynist
 - ☐ 4. Misogynist

Q.12 Select the most appropriate option that can be used as a one-word substitute for the highlighted segment in the given sentence.

The palace was attacked by a/an **person who illegally seizes a throne or position of power**.

- Ans
- ☐ 1. rebel
 - ☒ 2. usurper
 - ☐ 3. intruder
 - ☐ 4. saboteur

Q.13 Select the synonym for the highlighted word in the sentence:

The **timid** boy spoke softly during the presentation.

- Ans
- ☐ 1. shocked
 - ☒ 2. shy
 - ☐ 3. brave
 - ☐ 4. bold

Q.14 Select the option which correctly converts the complex sentence to compound sentence:

The laptop that I purchased last week has already started malfunctioning.

- Ans
- ✓ 1. I purchased a laptop last week, and it has already started malfunctioning.
 - ✗ 2. I purchased a laptop last week, had started malfunctioning.
 - ✗ 3. I purchased a laptop last week, which has already started malfunctioning.
 - ✗ 4. Having purchased a laptop last week, which has already started malfunctioning.

Q.15 Select the option that best replaces the underlined part to make the sentence grammatically correct.

The students are interested for learning more about environmental science.

- Ans
- ✓ 1. in
 - ✗ 2. at
 - ✗ 3. on
 - ✗ 4. for

Section : Gujarati

Q.16 આપેલ વિકલ્પમાંથી કયું કર્મણિ વાક્ય નથી?

- Ans
- ✗ 1. મારાથી ડાળ તૂટશે
 - ✗ 2. મારાથી એ બનશે
 - ✗ 3. બોલ્ટ મારાથી ફર્યો
 - ✓ 4. મેં રમકડું તોડ્યું

Q.17 નીચે આપેલ વાક્યોમાંથી ભાષાશુદ્ધિની દૃષ્ટિએ સાચું વાક્ય ઓળખાવો.

- Ans
- ✓ 1. ભારતીય સેનાની મુખ્ય ત્રણ પાંખો છે: ભૂમિદળ, નૌકાદળ અને હવાઈદળ.
 - ✗ 2. ભારતીય સેનાની મુખ્ય ત્રણ પાંખો છે: ભૂમિદળ, નૌકાદળ અને હવાઈદળ.
 - ✗ 3. ભારતીય સેનાની મુખ્ય ત્રણ પાંખો છે: ભૂમિદળ, નૌકાદળ અને હવાઈદળ.
 - ✗ 4. ભારતીય સેનાની મુખ્ય ત્રણ પાંખો છે: ભૂમિદળ, નૌકાદળ અને હવાઈદળ.

Q.18 'આકાશ' શબ્દનો સમાનાર્થી શબ્દ શોધો.

- Ans
- ✓ 1. વ્યોમ
 - ✗ 2. તરુ
 - ✗ 3. જલધિ
 - ✗ 4. મહીપ

Q.19 નીચેનામાંથી સાચી જોડણી શોધો.

- Ans
- ✓ 1. ગોવાળિયો
 - ✗ 2. ગૌવાળિયો
 - ✗ 3. ગોવાલીયો
 - ✗ 4. ગોવાળીયો

Q.20 નીચેનામાંથી કક્કાવારી મુજબ સાચો ક્રમ કયો છે?

- Ans
- ✗ 1. તારા, દડો, થાળી, ધજા
 - ✓ 2. તારા, થાળી, દડો, ધજા
 - ✗ 3. થાળી, તારા, ધજા, દડો
 - ✗ 4. ધજા, દડો, થાળી, તારા

Q.21 'અન્નને ને દાંતને વેર' કહેવતનો અર્થ શું છે?

- Ans
- ✓ 1. ખાવાના સાંસા હોવા
 - ✗ 2. મહેનત કરવી
 - ✗ 3. વધારે ભોજન કરવું
 - ✗ 4. ખાવાનો શોખ હોવો

Q.22 અસીમ સી શાંતિ હસી રહી હતી : આપેલ પંક્તિનો છંદ ઓળખાવો.

- Ans
- ✗ 1. દ્રુતવિલંબિત
 - ✗ 2. તોટક
 - ✗ 3. ભુજંગી
 - ✓ 4. વંશસ્થ

Q.23 આ સાથે આપેલ ગુજરાતી વાક્યનો યોગ્ય અંગ્રેજી અનુવાદ ઓળખાવો : વિધિ બગીચામાં જાય છે.

- Ans
- ✗ 1. Vidhi is go to the garden.
 - ✗ 2. Vidhi going to the garden.
 - ✓ 3. Vidhi goes to the garden.
 - ✗ 4. Vidhi go to the garden.

Q.24 અલંકાર ઓળખાવો: દેવાંશીનું હાસ્ય એટલે સાક્ષાત સોનાનો સૂરજ.

- Ans
- ✗ 1. વ્યાજસ્તુતિ અલંકાર
 - ✗ 2. વર્ણાનુપ્રાસ અલંકાર
 - ✓ 3. રૂપક અલંકાર
 - ✗ 4. ઉપમા અલંકાર

Q.25 'તેજ' શબ્દનો સમાનાર્થી શબ્દ શોધો.

- Ans
- ✗ 1. ઝાંખપ
 - ✗ 2. અંધકાર
 - ✓ 3. કાંતિ
 - ✗ 4. નિસ્તેજતા

Q.26 નીચેનામાંથી કયા શબ્દમાં માત્ર દીર્ઘ સ્વરો જ સમાવિષ્ટ છે ?

- Ans
- ✗ 1. ગુલાબ
 - ✗ 2. જુવાન
 - ✗ 3. કવિતા
 - ✓ 4. માલા

Q.27 'આ પુસ્તક મારા ભાઈ દ્વારા લખવામાં આવ્યું છે.' વાક્યનું નીચેનામાંથી સારું અંગ્રેજી વિધાન કયું છે?

- Ans
- ✗ 1. This book has written by my brother.
 - ✗ 2. This book is writing by my brother.
 - ✗ 3. This book wrote by my brother.
 - ✓ 4. This book has been written by my brother.

Q.28 'લોકપ્રિય' શબ્દનો સમાસ ઓળખાવો.

- Ans
- ✗ 1. કર્મધારય
 - ✓ 2. તત્પુરુષ
 - ✗ 3. બહુવ્રીહિ
 - ✗ 4. ઢંઢ

Q.29 નીચેનામાંથી સંજ્ઞા સાથે વિભક્તિનો ઉપયોગ થયો હોય તેવું વાક્ય શોધો.

- Ans ☒ 1. સિંહના અવાજથી જંગલ ધૂજી ઊઠ્યું.
☐ 2. મેં તેને જોયો હતો.
☐ 3. આ સુંદર ચિત્ર લગાવો.
☐ 4. ઈમારત બનેલી છે.

Q.30 'ફે' અક્ષરનું સ્વર-વ્યંજન જોડાણ કયું છે?

- Ans ☒ 1. ફ + ઐ
☐ 2. ફ + ઔ
☐ 3. ફ + ઓ
☐ 4. ફ + એ

Section : General Awareness and Current Affairs

Q.31 In March 2026, the 30 kW Wide Band Gap (WBG)-based Integrated Drive System (IDS) launched by the Ministry of Electronics and Information Technology was developed primarily for which application?

- Ans ☒ 1. Electric vehicles
☐ 2. High-speed railways
☐ 3. Defence aircraft
☐ 4. Industrial automation

Q.32 જન વિશ્વાસ (જોગવાઈઓના સુધારા) અધિનિયમ, 2026 મુખ્યત્વે નીચેનામાંથી કયા ઉદ્દેશ્યને હાંસલ કરવા માટે અધિનિયમીત કરવામાં આવ્યો હતો?

- Ans ☐ 1. ઔદ્યોગિક સાહસો (industrial enterprises)ની નોંધણી માટેની પ્રક્રિયાઓને સરળ બનાવવા
☐ 2.
ભારતમાં ઔદ્યોગિક લાઇસન્સિંગનું સંચાલન કે નિયંત્રણ (governing) કરતા વાણિજ્યિક કાયદાઓને એકીકૃત કરવા
☐ 3.
વેપાર સંબંધિત વિવાદોના નિરાકરણ માટે એકીકૃત ટ્રિબ્યુનલ (unified tribunal)ની સ્થાપના કરવા
☒ 4.
કેન્દ્રીય અધિનિયમોમાં ગુનાઓ અને દંડને અપરાધમુક્ત (Decriminalise) અથવા તર્કસંગત (rationalise) કરવા

Q.33 નીચેનામાંથી કઈ ઘટનાને ભૂ-ભૌતિકીય આપત્તિ (Geophysical hazard) તરીકે વર્ગીકૃત કરવામાં આવેલી છે?

- Ans ☐ 1. પૂર
☐ 2. હિમવર્ષા
☒ 3.
જ્વાળામુખી વિસ્ફોટ
☐ 4.
વાદળ ફાટવું

Q.34 The Gujarat State Conclave 2026, organised under the Gujarat @75 initiative, adopted which of the following as its official theme?

- Ans ☐ 1. Accelerating Industrial Growth in India
☐ 2. Empowering Rural Gujarat through Innovation
☒ 3. Leading the Nation for Viksit Bharat
☐ 4. Building Digital India through Technology

Q.35 Which of the following correctly describes the movement of nitrogen within the biosphere?

- Ans ☐ 1. Nitrogen moves only between the atmosphere and soil
☐ 2. Nitrogen moves only between the atmosphere and living organisms
☒ 3. Nitrogen moves between the atmosphere, soil and living organisms
☐ 4. Nitrogen moves only between the soil and living organisms

Q.36 Which country will host the World Indoor Athletics Championships 2028?

- Ans**
- ☐ 1. France
 - ☐ 2. Saudi Arabia
 - ☐ 3. Dubai
 - ☒ 4. India

Q.37 Which Constitutional Amendment gave constitutional status to Panchayati Raj Institutions, thereby giving effect to the objective of Article 40 of the Constitution of India?

- Ans**
- ☐ 1. 42nd Amendment
 - ☐ 2. 74th Amendment
 - ☐ 3. 86th Amendment
 - ☒ 4. 73rd Amendment

Q.38 Which feature best describes town planning of the Indus Valley Civilization?

- Ans**
- ☐ 1. Cities developed without any central planning
 - ☐ 2. Cities had irregular streets without proper planning
 - ☐ 3. Cities had no drainage or sanitation systems
 - ☒ 4. Cities had well planned streets and drainage systems

Q.39 The thickness of the troposphere is maximum over which of the following regions?

- Ans**
- ☐ 1. Temperate regions of the Earth
 - ☐ 2. Polar regions of the Earth
 - ☒ 3. Equatorial regions of the Earth
 - ☐ 4. Subpolar regions of the Earth

Q.40 Which temple, completed around 1009 CE by Rajaraja Chola, is described as having a massive pyramidal, multi-storeyed vimana rising to about 70 metres and topped by a monolithic shikhara with an octagonal dome-shaped stupika?

- Ans**
- ☐ 1. Kailasanatha Temple
 - ☐ 2. Meenakshi Temple
 - ☒ 3. Brahadeeswarar Temple
 - ☐ 4. Shore Temple

Q.41 Which jurisdiction of a High Court empowers it to protect Fundamental Rights and other legal rights?

- Ans**
- ☐ 1. Original jurisdiction
 - ☒ 2. Writ jurisdiction
 - ☐ 3. Appellate jurisdiction
 - ☐ 4. Advisory jurisdiction

Q.42 Who was conferred with the Major Dhyan Chand Lifetime Achievement Award at the 8th Annual Hockey India Awards in March 2026?

- Ans**
- ☐ 1. Craig Fulton
 - ☐ 2. Manpreet Singh
 - ☒ 3. Zafar Iqbal
 - ☐ 4. Sukhjeet Singh

Q.43 Which of the following best explains how a market economy determines what and how much to produce?

- Ans**
- ☐ 1. By relying on random allocation to guide production decisions
 - ☐ 2. By relying on government directives to guide production decisions
 - ☒ 3. By relying on price signals to guide production decisions
 - ☐ 4. By relying on customs and traditions to guide production decisions

Q.44 Vantara University, launched in April 2026 as the world's first integrated global university, is located in which Indian state?

- Ans**
- ☒ 1. Gujarat
 - ☐ 2. Madhya Pradesh
 - ☐ 3. Maharashtra
 - ☐ 4. Rajasthan

Q.45 Which country topped the medal tally at the ISSF Junior World Championship 2026?

- Ans**
- ☐ 1. Italy
 - ☐ 2. Poland
 - ☐ 3. United States of America
 - ☒ 4. India

Q.46 In July 2026, India's first greenfield integrated refinery-cum-petrochemical complex was dedicated to the nation at which location?

- Ans**
- ☐ 1. Panipat, Haryana
 - ☒ 2. Pachpadra, Rajasthan
 - ☐ 3. Ludhiana, Punjab
 - ☐ 4. Paradip, Odisha

Q.47 A ball is dropped from the top of a building. Ignoring air resistance, which of the following remains constant during its fall?

- Ans**
- ☐ 1. Kinetic energy
 - ☐ 2. Potential energy
 - ☐ 3. Thermal energy
 - ☒ 4. Mechanical energy

Q.48 Which of the following is NOT a method of privatization of public sector enterprises?

- Ans**
- ☒ 1. Granting autonomy in managerial decision making
 - ☐ 2. Selling equity of public sector companies to the public
 - ☐ 3. Withdrawal of government ownership and management
 - ☐ 4. Outright sale of the enterprise

Q.49 Who among the following established the Ramakrishna Mission in the late 19th century?

- Ans**
- ☐ 1. Ramakrishna Paramahansa
 - ☒ 2. Swami Vivekananda
 - ☐ 3. Debendranath Tagore
 - ☐ 4. Annie Besant

Q.50 Which language is highlighted separately from Sanskrit because it experienced a notable growth during the Vijaynagar period?

- Ans**
- ☒ 1. Gujarati
 - ☒ 2. Telugu
 - ☒ 3. Marathi
 - ☒ 4. Bengali

Q.51 In the thermit reaction used to join railway tracks, which role does aluminium powder play during the process?

- Ans**
- ☒ 1. Acts as a filler between rails
 - ☒ 2. Serves as a source of iron atoms
 - ☒ 3. Functions as a catalyst during fusion
 - ☒ 4. Acts as a reducing agent for iron oxide

Q.52 In the Mauryan Empire, what was the agricultural department officially called, and who was its head?

- Ans**
- ☒ 1. Mine department headed by Akaradhyaksha
 - ☒ 2. Seeta department headed by Seetadyaksha
 - ☒ 3. Trade department headed by Panyadhyaksha
 - ☒ 4. Army department headed by Senapati

Q.53 Which celestial force exerts the most dominant influence on the generation of the Earth's daily oceanic tides?

- Ans**
- ☒ 1. Solar wind from the solar corona
 - ☒ 2. Gravitational pull of the Moon
 - ☒ 3. Gravitational pull of the Sun
 - ☒ 4. Magnetic field of the Earth

Q.54 Which statement correctly describes Harappan seals?

- Ans**
- ☒ 1. They commonly bear animal motifs together with pictographic inscriptions.
 - ☒ 2. They commonly bear only geometric designs without pictographic inscriptions.
 - ☒ 3. They commonly bear only human figures without animal motifs.
 - ☒ 4. They commonly bear deciphered inscriptions together with royal narratives.

Q.55 Velocity differs from speed because velocity always includes

- Ans**
- ☒ 1. Amount of energy
 - ☒ 2. Value of mass
 - ☒ 3. Magnitude of force
 - ☒ 4. Direction of motion

Q.56 Unlike some federal countries that allow dual citizenship, what system does India follow?

- Ans**
- ☒ 1. Single citizenship
 - ☒ 2. State-wise citizenship
 - ☒ 3. Dual citizenship
 - ☒ 4. No citizenship system at all

Q.57 At the Hockey India 8th Annual Awards, who was named the Women's Player of the Year 2025?

- Ans**
- ☒ 1. Navneet Kaur
 - ☒ 2. Savita Punia
 - ☒ 3. Salima Tete
 - ☒ 4. Deepika

Q.58 Which of the following places in Gujarat hosted the pre-event of the International Big Cat Alliance (IBCA) Summit-2026 on lion conservation in May 2026?

- Ans**
- ☒ 1. Sasan Gir
 - ☐ 2. Velavadar
 - ☐ 3. Nalsarovar
 - ☐ 4. Barda

Q.59 Which of the following best explains how mixed crop-livestock farming benefits small and marginal farmers in India?

- Ans**
- ☐ 1. It provides higher transport efficiency, lower production costs, and easier market access.
 - ☐ 2. It provides higher crop yields, larger landholdings, and greater export earnings.
 - ☒ 3. It provides stable income, better nutrition, and additional employment opportunities.
 - ☐ 4. It provides increased urban food supplies, higher imports, and lower food prices.

Q.60 What was a significant economic impact of the Swadeshi Movement in 1905, as observed in major trade centres?

- Ans**
- ☒ 1. Reduction in import of British goods
 - ☐ 2. Increase in export of Indian spices
 - ☐ 3. Expansion of British textile factories
 - ☐ 4. Rise in gold mining activities

Section : Quantitative Aptitude

Q.61 A cyclist covers a certain distance in 4 hours at a speed of 25 km/h. Another cyclist covers the same distance in 2 hours. What is the speed of the second cyclist?

- Ans**
- ☐ 1. 30 km/h
 - ☒ 2. 50 km/h
 - ☐ 3. 25 km/h
 - ☐ 4. 40 km/h

Q.62 A student pays for 24 notebooks but receives only 21 notebooks. What is his gain or loss?

- Ans**
- ☐ 1. Gain, 12.5%
 - ☒ 2. Loss, 12.5%
 - ☐ 3. Loss, 15%
 - ☐ 4. Gain, 15%

Q.63 A sum of ₹5,000 is invested at a compound interest rate of 8% per annum for 2 years, with interest compounded annually. What will be the total amount at the end of 2 years?

- Ans**
- ☐ 1. ₹5,932
 - ☐ 2. ₹6,032
 - ☐ 3. ₹5,732
 - ☒ 4. ₹5,832

Q.64 If A and B together can do a piece of work in 10 hours, and A alone can do it in 15 hours, how many hours will B alone take?

- Ans**
- ☐ 1. 15 hours
 - ☐ 2. 25 hours
 - ☐ 3. 20 hours
 - ☒ 4. 30 hours

Q.65 What is the fourth proportional to 8, 16, and 20?

- Ans
- ☐ 1. 32
 - ☐ 2. 24
 - ☒ 3. 40
 - ☐ 4. 48

Q.66 A student claims that reducing the radius of a cylinder by 25% and increasing its height by 25% keeps the volume constant. Is this claim correct? (Round off the percentage change to the nearest integer)

- Ans
- ☐ 1. No, the volume decreases by 24%
 - ☒ 2. No, the volume decreases by 30%
 - ☐ 3. No, the volume decreases by 26%
 - ☐ 4. Yes, the volume remains unchanged

Q.67 A car travels 60 km at 30 km/h and another 60 km at 60 km/h. What is its average speed for the entire journey?

- Ans
- ☐ 1. 50 km/h
 - ☐ 2. 45 km/h
 - ☒ 3. 40 km/h
 - ☐ 4. 35 km/h

Q.68 A cylindrical pillar has a radius of 4 m and a height of 10 m. The cost of painting its curved surface is ₹14 per m². Find the total cost of painting the pillar. (Use $\pi = 22/7$)

- Ans
- ☐ 1. ₹3410
 - ☒ 2. ₹3520
 - ☐ 3. ₹3620
 - ☐ 4. ₹3320

Q.69 A shopkeeper reduces the price of a shirt from ₹80 to ₹64. By what percentage was the price decreased?

- Ans
- ☐ 1. 12%
 - ☒ 2. 20%
 - ☐ 3. 25%
 - ☐ 4. 16%

Q.70 Lina can clean a hall in 9 hours, and Priya can clean it in 18 hours. If they work together for 4 hours, what fraction of the hall is still left to clean?

- Ans
- ☐ 1. $\frac{1}{2}$
 - ☐ 2. $\frac{1}{6}$
 - ☐ 3. $\frac{1}{4}$
 - ☒ 4. $\frac{1}{3}$

Q.71 એક ફળ વિકેતા એવા ભાવે કેરીઓ ખરીદે છે, જ્યાં 25 કેરીઓની પડતર કિંમત એ 20 કેરીના વેચાણ કિંમત જેટલી થાય છે. વિકેતાને કેટલા ટકા નફો થશે?

- Ans
- ☒ 1. 25%
 - ☐ 2. 20%
 - ☐ 3. 15%
 - ☐ 4. 30%

Q.72 A and B started a business by investing ₹48,000 and ₹60,000, respectively. After 8 months, A withdrew ₹12,000 from his investment, while B continued with the same investment for the entire year. If the total profit at the end of the year was ₹1,45,600, what was B's share of the profit?

- Ans
- ☒ 1. ₹96,000
 - ☒ 2. ₹84,000
 - ☒ 3. ₹80,000
 - ☒ 4. ₹1,08,000

Q.73 Which value of k makes $x^2 + 6x + k = 0$ have exactly one real solution?

- Ans
- ☒ 1. $k = 12$
 - ☒ 2. $k = 9$
 - ☒ 3. $k = 8$
 - ☒ 4. $k = 6$

Q.74 Determine the roots for the quadratic equation $7x^2 - 18x + 8 = 0$ using the quadratic formula.

- Ans
- ☒ 1. 2 and $\frac{4}{7}$
 - ☒ 2. 2 and $-\frac{4}{7}$
 - ☒ 3. -2 and $\frac{4}{7}$
 - ☒ 4. -2 and $-\frac{4}{7}$

Q.75 એક વાહન કુલ 240 km અંતર કાપે છે. તે મુસાફરીનો એક-ચતુર્થાંશ ભાગ 15 km/h ની ઝડપે, મુસાફરીનો અડધો ભાગ 20 km/h ની ઝડપે અને બચેલો એક-ચતુર્થાંશ ભાગ 30 km/h ની ઝડપે કાપે છે. સમગ્ર મુસાફરી માટે વાહનની સરેરાશ ઝડપ કેટલી છે?

- Ans
- ☒ 1. 22 km/h
 - ☒ 2. 18 km/h
 - ☒ 3. 24 km/h
 - ☒ 4. 20 km/h

Q.76 If the seven-digit number $543x61y$ is divisible by 72, what is the value of $5x - 3y$?

- Ans
- ☒ 1. -8
 - ☒ 2. -7
 - ☒ 3. 8
 - ☒ 4. 7

Q.77 A city had an original population of 1,20,000. Due to migration, the population decreased by 22% in the first year. In the following year, the population increased and reached 1,12,320. What was the percentage increase during the second year?

- Ans
- ☒ 1. 15%
 - ☒ 2. 22%
 - ☒ 3. 18%
 - ☒ 4. 20%

Q.78 આપેલી સંખ્યાઓ 21, 25, 21, 23, 24, 21, 22 માટે બહુલક કેટલો છે?

- Ans
- ☒ 1. 23
 - ☒ 2. 21
 - ☒ 3. 24
 - ☒ 4. 22

Q.79 The ratio of red marbles to blue marbles is 5:7, and the ratio of blue marbles to green marbles is 7:2. Which color has the smallest representation?

- Ans
- ☐ 1. Red marbles
 - ☐ 2. Blue marbles
 - ☐ 3. All colors are represented equally
 - ☒ 4. Green marbles

Q.80 Pipe B can fill a tank in 8 hours, and Pipe C can fill the same tank in 16 hours. How much of the tank can both pipes fill together in one hour?

- Ans
- ☐ 1. $\frac{5}{16}$
 - ☒ 2. $\frac{3}{16}$
 - ☐ 3. $\frac{1}{16}$
 - ☐ 4. $\frac{7}{16}$

Q.81 Consider the following grouped data for the number of books read by students in a month.

Class Interval	Frequency
0-5	4
5-10	x
10-15	18
15-20	7
20-25	1

If the mode is known to be 12, what is the value of x? (Round off to the nearest integer)

- Ans
- ☐ 1. 9
 - ☒ 2. 11
 - ☐ 3. 16
 - ☐ 4. 13

Q.82 Convert the recurring decimal 0.23333... into a fraction in its lowest terms.

- Ans
- ☒ 1. $\frac{7}{30}$
 - ☐ 2. $\frac{23}{99}$
 - ☐ 3. $\frac{7}{33}$
 - ☐ 4. $\frac{2}{9}$

Q.83 Given the identity $1 + 2 \sin^2 A \cos^2 A = \sin^4 A + \cos^4 A + k \sin^2 A \cos^2 A$ for all acute angles A, what is the value of the constant k?

- Ans
- ☐ 1. 3
 - ☐ 2. 6
 - ☒ 3. 4
 - ☐ 4. 2

Q.84 સાદા વ્યાજ દરે રોકાણ કરેલી એક રકમ 20 વર્ષમાં બમણી થઈ જાય છે. તે કેટલા સમયમાં પોતાની ત્રણ ગણી થશે?

- Ans
- ☒ 1. 35 વર્ષ
 - ☒ 2. 40 વર્ષ
 - ☒ 3. 30 વર્ષ
 - ☒ 4. 45 વર્ષ

Q.85 A cone has a radius of 14 cm and a height of 21 cm. A second cone has the same height, but its volume is four times that of the first cone. Find the radius of the second cone.

- Ans
- ☒ 1. 18 cm
 - ☒ 2. 24 cm
 - ☒ 3. 28 cm
 - ☒ 4. 20 cm

Q.86 If a shirt is sold for ₹165 with a profit of 10%, what was its cost price (in ₹)?

- Ans
- ☒ 1. 150
 - ☒ 2. 140
 - ☒ 3. 155
 - ☒ 4. 145

Q.87 A point P divides the line joining A(2, 2) and B(8, 2) externally in the ratio 1 : 2. What are the coordinates of P?

- Ans
- ☒ 1. (-2, 2)
 - ☒ 2. (12, 2)
 - ☒ 3. (-4, 2)
 - ☒ 4. (10, 2)

Q.88 A store sells pencils and erasers. If 2 pencils and 3 erasers cost ₹13, and 4 pencils and 1 eraser cost ₹11, which system of linear equations represents this situation (₹x is cost of 1 pencil and ₹y is cost of 1 eraser)?

- Ans
- ☒ 1. $2x + y = 13$ and $3x + 4y = 11$
 - ☒ 2. $x + 3y = 13$ and $2x + y = 11$
 - ☒ 3. $3x + 2y = 13$ and $x + 4y = 11$
 - ☒ 4. $2x + 3y = 13$ and $4x + y = 11$

Q.89 What will be the value of $\cot \theta$, when the value of $\tan \theta$ is $7/9$?

- Ans
- ☒ 1. $\frac{9}{7}$
 - ☒ 2. $\frac{3}{5}$
 - ☒ 3. $\frac{7}{9}$
 - ☒ 4. $\frac{5}{3}$

Q.90 A person deposits ₹16,000 in a fixed deposit scheme that offers a compound interest rate of 10% per annum, compounded half-yearly. What is the total amount received at the end of 1 year?

- Ans
- ☒ 1. ₹17,640
 - ☒ 2. ₹20,640
 - ☒ 3. ₹18,640
 - ☒ 4. ₹19,640

Q.91 What should come in place of ? in the given series?
37 42 54 73 99 ?

- Ans ☒ 1. 132
☐ 2. 134
☐ 3. 130
☐ 4. 131

Q.92 Each letter in the word GARDEN is arranged as per the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is fourth from the left and the one which is second from the right in the new letter cluster thus formed?

- Ans ☐ 1. Eight
☐ 2. Seven
☒ 3. Six
☐ 4. Five

Q.93 આ પ્રશ્ન એ નીચે આપેલા શબ્દો પર આધારિત છે:

NOTE COLD GOLD LAMP

દરેક શબ્દમાં, દરેક સ્વરને અંગ્રેજી મૂળાક્ષરોના ક્રમમાં તેની તરત પછીના અક્ષરમાં બદલવામાં આવે અને દરેક વ્યંજનને અંગ્રેજી મૂળાક્ષરોના ક્રમમાં તેની તરત પહેલાના અક્ષરમાં બદલવામાં આવે છે. તો આ રીતે બનેલા કેટલા અક્ષર-સમૂહમાં, એક પણ સ્વર દેખાશે નહીં?

- Ans ☐ 1. ચાર
☐ 2. એક
☒ 3. ત્રણ
☐ 4. બે

Q.94 The position(s) of how many letters will remain unchanged if each letter in the word LEGACY is arranged in the English alphabetical order?

- Ans ☒ 1. One
☐ 2. Two
☐ 3. Three
☐ 4. None

Q.95 A, B, C, Q, S and T live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6.

Q lives on floor numbered 4. Only two people live between Q and S. Only A lives between Q and T. B lives immediately below Q.

Who lives on floor numbered 2?

- Ans ☐ 1. S
☒ 2. C
☐ 3. A
☐ 4. T

Q.96 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

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

- Ans ☐ 1. PQ-RS
☐ 2. ST-UV
☐ 3. LM-NO
☒ 4. YZ-CW

Q.97 21 is related to 104 following a certain logic. Following the same logic, 32 is related to 148. To which of the following is 19 related to, following the same logic?
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans
- ☐ 1. 92
 - ☐ 2. 97
 - ☒ 3. 96
 - ☐ 4. 94

Q.98 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and decide the appropriate answer.

Q. Four people, A, B, C and D, have different weights. Who is the heaviest?

Statement I: A is heavier than B. C is lighter than D.

Statement II: D is heavier than A, and A is heavier than B and C.

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

Q.99 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', what will be come in place of the question mark '?' in the following equation?
 $36\ D\ 23\ C\ 21\ B\ 36\ A\ 12 = ?$

- Ans
- ☐ 1. 75
 - ☐ 2. 78
 - ☐ 3. 77
 - ☒ 4. 76

Q.100 Which of the following options is the closest approximate value which will come in place of question mark (?) in the following equation?
 $89.95 \div 9.05 + 16.99 \times 3.01 = ?$

- Ans
- ☐ 1. 85
 - ☐ 2. 75
 - ☐ 3. 48
 - ☒ 4. 61

Q.101 Seven boxes, C, D, E, F, I, J and Z, are kept one over the other, but not necessarily in the same order. Only three boxes are kept below E. Only two boxes are kept between E and I. Only C is kept above Z. J is kept at some place below D and at some place above F. Which box is kept at the second position from the bottom?

- Ans
- ☐ 1. C
 - ☐ 2. I
 - ☐ 3. Z
 - ☒ 4. F

Q.102 This question is based on the five numbers given below.

(Left) 1123 683 1457 754 479 (Right)

NOTE - All operations to be done from left to right.

If 2 is added to the first digit of every number, in how many numbers will the first digit be exactly divisible by the second digit?

- Ans**
- ☒ 1. Two
 - ☐ 2. One
 - ☐ 3. Four
 - ☐ 4. Three

Q.103 If 19 July 2013 was a Friday, then what day of the week was 3 November 2024?

- Ans**
- ☐ 1. Saturday
 - ☐ 2. Monday
 - ☒ 3. Sunday
 - ☐ 4. Friday

Q.104 Choose the option in which all the details of the given name and address are correctly reproduced.

Mr. Dharmendrasinh J. Chudasama, B/304, Shreenathji Apartment, Opp. Swaminarayan Mandir, Shahibaug, Ahmedabad, Gujarat – 380004

- Ans**
- ☐ 1. Mr. Dharmendrasinh J. Chudasama, B/304, Shreenathji Apartment, Opp. Swaminarayan Mandir, Shahibaug, Ahmedabad, Gujarat – 380040
 - ☒ 2. Mr. Dharmendrasinh J. Chudasama, B/304, Shreenathji Apartment, Opp. Swaminarayan Mandir, Shahibaug, Ahmedabad, Gujarat – 380004
 - ☐ 3. Mr. Dharmendrasinh J. Chudasama, B/304, Shreenathji Apartment, Opp. Swaminaryan Mandir, Shahibaug, Ahmedabad, Gujarat – 380004
 - ☐ 4. Mr. Dharmendrasinh J. Chudasama, B/304, Shreenathji Apartment, Opp. Swaminarayan Mandir, Shahibaug, Ahmedabad, Gujrat – 380004

Q.105 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically follow/s from the given statements.

Statements: Some phones are laptops. All laptops are speakers.

Conclusion (I): Some speakers are phones.

Conclusion (II): No speaker is a phone.

- Ans**
- ☐ 1. Only conclusion II follows
 - ☒ 2. Only conclusion I follows
 - ☐ 3. Neither conclusion I nor II follows
 - ☐ 4. Both conclusions I and II follow

Q.106 Five friends B, F, J, P, and T scored different marks in an exam. B scored more marks than J. J scored more marks than P. F scored more marks than B. T scored less marks than P. Fill in the following blank. _____ scored the lowest marks in that exam.

- Ans**
- ☐ 1. B
 - ☐ 2. F
 - ☐ 3. J
 - ☒ 4. T

Q.107 In a row of 105 students facing north, Rajesh's position is 82nd from the left end and Neha's position is 32nd from the right end. How many students are there between Rajesh and Neha?

- Ans**
- ☐ 1. 4
 - ☐ 2. 5
 - ☒ 3. 7
 - ☐ 4. 8

Q.108 Refer to the following number, symbol series and answer the question. Counting to be done from left to right only. All the numbers are single digit numbers.
(Left) 5 @ 3 # 8 & 2 \$ 6 % 4 * 1 £ 7 (Right)
How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans
- ☐ 1. Five
 - ☐ 2. Four
 - ☒ 3. More than five
 - ☐ 4. Three

Q.109 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and decide the appropriate answer.

Q. In which direction is point A with respect to point B?
Statement I: From B, a person walks 3 meters north and 4 meters west to reach A.
Statement II: The shortest distance between points A and B is 5 meters.

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

Q.110 Each of E, F, G, H, K, L and M has an exam on a different day of a week starting from Monday and ending on Sunday of the same week.
Only three people have exams between L and E. Only three people have exams between M and G. K has exam on some day before E and on some day after F. Only H has exam before G.
How many people have exam(s) after L?

- Ans
- ☐ 1. One
 - ☒ 2. Four
 - ☐ 3. Three
 - ☐ 4. Two

Q.111 What will come in the place of '?' in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $25 + 45 \div 44 \times 11 - 29 = ?$

- Ans
- ☐ 1. -128
 - ☐ 2. -127
 - ☒ 3. -126
 - ☐ 4. -124

Q.112 Each vowel in the word FLUXGATE is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will appear exactly twice in the group of letters thus formed?

- Ans
- ☐ 1. W
 - ☒ 2. F
 - ☐ 3. S
 - ☐ 4. E

Q.113 In a certain code language,
A + B means 'A is the father of B'
A - B means 'A is the son of B'
A x B means 'A is the brother of B'
A ÷ B means 'A is the daughter of B'
 Based on the above, how is P related to T if 'P x Q ÷ R - S + T'?

- Ans
- ☐ 1. Daughter's son
 - ☐ 2. Sister's son
 - ☒ 3. Brother's son
 - ☐ 4. Son's son

Q.114 In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow. The correct combination of codes following the conditions is your answer. If none of the conditions follow, then codes for the respective Number/Symbol to be followed directly as given in the table.

N 9 # + ! & 6 7 3 ? 4 * 5 @ 8

u
m
b
e
r/
s
y
m
b
ol

C N B L R F A K T H V W J Z X

o
d
e

Conditions -

- (i) If the first element is a symbol and the last element is a number, interchange the codes of the first and last elements.
- (ii) If the first element is an odd number and the last element is an even number, code both first and last elements as ©.
- (iii) If both second and third elements are perfect squares, code the third element using the code of the second element.

9 6 8 3 +

- Ans
- ☐ 1. NAXTB
 - ☒ 2. NAXTL
 - ☐ 3. NBXTL
 - ☐ 4. NARTL

Q.115 Refer to the following letter series and answer the question. Counting to be done from left to right.

(Left) A X I H H E X D V X R C S N B A C G H Q T A R G (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a consonant?

- Ans
- ☐ 1. Two
 - ☒ 2. Four
 - ☐ 3. Three
 - ☐ 4. One

Q.116 Select the option that indicates the correct arrangement of the given words in the order in which they appear in an English Language Dictionary.

1. Garden
2. Brush
3. Tiger
4. Lamp

Ans ☒ 1. 1, 4, 3, 2
☒ 2. 3, 1, 4, 2
☒ 3. 2, 4, 3, 1
☒ 4. 2, 1, 4, 3

Q.117 એક પરિવારમાં 8 વ્યક્તિઓ C, F, J, M, Q, T, W અને Z છે. C એ F ના પિતા છે. J એ F ની બહેન છે. M એ C ની પત્ની છે. Q એ J નો પતિ છે. T એ J નો પુત્ર છે. W એ Q ની પુત્રી છે. Z એ F નો ભાઈ છે. નીચે આપેલી ખાલી જગ્યા પૂરો.
C એ Q નો/ની _____ છે.

Ans ☒ 1. પત્નીના પિતા
☒ 2. પતિના પિતા
☒ 3. માતાના પિતા
☒ 4. પિતાના ભાઈ

Q.118 In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow. The correct combination of codes following the conditions is your answer. If none of the conditions follow, then codes for the respective Number/Symbol to be followed directly as given in the table.

N										
u										
m										
b										
e										
r/										
S										
y										
m										
b										
ol	6	&	1	\$	7	2	@	5	#	8
C										
o										
d										
e	N	G	R	L	P	Z	F	K	T	H

Conditions –

- (i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©
- (iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

@ 5 & 6 7

Ans ☒ 1. P G K N F
☒ 2. P K G N F
☒ 3. P G G N F
☒ 4. P K K N F

Q.119 Five friends, Girish, Kavita, Mohan, Priti and Suresh, are of different ages. Suresh is older than Girish. Girish is older than Mohan. Kavita is older than Suresh. Priti is younger than Mohan.
Fill in the following blank:
_____ is the third oldest person in this group.

- Ans**
- ☐ 1. Kavita
 - ☐ 2. Suresh
 - ☒ 3. Girish
 - ☐ 4. Mohan

Q.120 Mr. Basi starts from Point A and drives 17 km towards the south. He then takes a right turn, drives 21 km, turns right and drives 29 km. He then takes a right turn and drives 30 km. He takes a final right turn, drives 12 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

- Ans**
- ☒ 1. 9 km to the west
 - ☐ 2. 9 km to the east
 - ☐ 3. 11 km to the west
 - ☐ 4. 11 km to the east

Q.121 NSBL is related to OTCM in a certain way based on the English alphabetical order. In the same way, SVKM is related to TWLN. To which of the following is LBDK related to, following the same logic?

- Ans**
- ☐ 1. BNKD
 - ☒ 2. MCEL
 - ☐ 3. KPQJ
 - ☐ 4. DMOF

Q.122 Choose the option in which all the details of the given name and address are correctly reproduced.
Mr. Arpit Nag
Flat No. 23, ATS Green,
Noida, Uttar Pradesh – 201301

- Ans**
- ☐ 1. Mr. Arpit Nag, Flat No. 32, ATS Green, Noida, Uttar Pradesh – 201301
 - ☒ 2. Mr. Arpit Nag, Flat No. 23, ATS Green, Noida, Uttar Pradesh – 201301
 - ☐ 3. Mr. Arpit Negi, Flat No. 23, ATS Green, Noida, Uttar Pradesh – 201301
 - ☐ 4. Mr. Arpit Nag, Flat No. 23, ATS Green, Noida, Uttar Pradesh – 201310

Q.123 What should come in place of ? in the given series based on the English alphabetical order?
EPZ HSC KVF NYI ?

- Ans**
- ☒ 1. QBL
 - ☐ 2. RGM
 - ☐ 3. PSJ
 - ☐ 4. TDO

Q.124 C, F, G, M, N, Q and X are sitting around a circular table facing the center. Only three people sit between F and Q when counted from the left of F. Only three people sit between X and M when counted from the right of M. C sits to the immediate right of X. N is an immediate neighbour of M as well as Q. How many people sit between C and N when counted from the right of N?

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

Q.125 Mr. Zai starts from Point A and drives 3 km towards the North. He then takes a left turn, drives 6 km, then turns left and drives 18 km. He then takes a left turn and drives 21 km. He takes a final left turn, drives 15 km, and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degree turns only, unless specified.)

- Ans
- ☐ 1. 18 km to the south
 - ☐ 2. 17 km to the south
 - ☐ 3. 12 km to the east
 - ☒ 4. 15 km to the west

Q.126 Refer to the following letter-symbol series and answer the question. Counting to be done from left to right only.

(Left) F # V C @ Q J U £ # R \$ F # D V N ^ J Y Q H E D L % (Right)

How many such letters are there, each of which is immediately preceded by a symbol and also immediately followed by a letter?

- Ans
- ☐ 1. Two
 - ☒ 2. Four
 - ☐ 3. One
 - ☐ 4. Three

Q.127 આ પ્રશ્નમાં, એક પ્રશ્ન પછી (I) અને (II) ક્રમાંકિત બે વિધાનો આપેલા છે. તમારે એ નક્કી કરવાનું છે કે વિધાનોમાં આપેલી માહિતી પ્રશ્નનો ઉત્તર આપવા માટે પૂરતી છે કે નહિ. બંને વિધાનો વાંચો અને યોગ્ય ઉત્તર નક્કી કરો.

Q. પાંચ બાળકો J, K, L, M અને Nની ઊંચાઈ અલગ-અલગ છે. સૌથી નીચું કોણ છે?

વિધાન I: J એ K અને L કરતાં નીચો છે.

વિધાન II: M એ J અને N કરતાં નીચો છે.

- Ans
- ☐ 1. માત્ર વિધાન II માં આપેલી માહિતી પ્રશ્નનો ઉત્તર આપવા માટે પૂરતી છે, જ્યારે વિધાન I માં આપેલી માહિતી પૂરતી નથી.
 - ☐ 2. માત્ર વિધાન I માં આપેલી માહિતી પ્રશ્નનો ઉત્તર આપવા માટે પૂરતી છે, જ્યારે વિધાન II માં આપેલી માહિતી પૂરતી નથી.
 - ☐ 3. વિધાનો I અને II બંનેની માહિતી એકસાથે મળીને પણ પ્રશ્નનો ઉત્તર આપવા માટે પૂરતી નથી.
 - ☒ 4. વિધાનો I અને II બંનેની માહિતી એકસાથે મળીને પ્રશ્નનો ઉત્તર આપવા માટે પૂરતી છે (માત્ર વિધાન I કે માત્ર વિધાન II પૂરતું નથી).

Q.128 આ પ્રશ્નમાં, એક પ્રશ્ન પછી (I) અને (II) થી ક્રમાંકિત બે વિધાનો આપવામાં આવ્યા છે. તમારે નક્કી કરવાનું છે કે વિધાનોમાં આપેલી માહિતી એ પ્રશ્નનો જવાબ આપવા માટે પૂરતી છે કે નહીં. બંને વિધાનો વાંચો અને સૌથી યોગ્ય જવાબ પસંદ કરો.

6 વ્યક્તિઓ ગિરીશ, હરિ, જતીન, કાવ્ય, લીલા અને મોહન પૈકી દરેકનું વજન અલગ-અલગ છે, તેમાંથી સૌથી ભારે કોણ છે?

(I) જતીન એ ગિરીશ કરતાં ભારે છે. હરિ એ જતીન કરતાં ભારે છે. કાવ્ય એ ગિરીશ કરતાં હળવો છે.

(II) લીલા એ કાવ્ય કરતાં ભારે છે. મોહન એ હરિ કરતાં ભારે છે.

- Ans
- ☒ 1. વિધાનો (I) અને (II) બંનેમાં આપેલી માહિતી એકસાથે પ્રશ્નનો જવાબ આપવા માટે પૂરતી નથી.
 - ☐ 2. વિધાન (II) માં આપેલી માહિતી એકલી જ પ્રશ્નનો જવાબ આપવા માટે પૂરતી છે, જ્યારે વિધાન (I) માં આપેલી માહિતી એકલી જ પ્રશ્નનો જવાબ આપવા માટે પૂરતી નથી.
 - ☐ 3. વિધાનો (I) અને (II) બંનેમાં આપેલી માહિતીને એકસાથે લેતાં (અને એકલા વિધાન I અથવા એકલા વિધાન II ની માહિતી નહીં) પ્રશ્નનો જવાબ આપવા માટે પૂરતી છે.
 - ☐ 4. વિધાન (I) માં આપેલી માહિતી એકલી જ પ્રશ્નનો જવાબ આપવા માટે પૂરતી છે, જ્યારે વિધાન (II) માં આપેલી માહિતી એકલી જ પ્રશ્નનો જવાબ આપવા માટે પૂરતી નથી.

Q.129 There are 8 persons in a family C, F, J, N, Q, T, X and Z. C is the wife of F. J is the daughter of C. N is the brother of J. Q is the husband of J. T is the son of J. X is the daughter of Q. Z is the brother of C. Fill in the following blank. N is the _____ of T.

- Ans
- ☐ 1. Father's father
 - ☒ 2. Mother's brother
 - ☐ 3. Father's brother
 - ☐ 4. Father

Q.130 Six cousins, Ritu, Deepak, Kamini, Sagar, Vandana and Hitesh, each have different ages. Deepak is older than Ritu. Kamini is older than Deepak. Sagar is younger than Ritu. Vandana is older than Kamini. Hitesh is younger than Sagar. Who is older than Ritu but younger than Kamini?

- Ans**
- ☐ 1. Hitesh
 - ☐ 2. Vandana
 - ☐ 3. Sagar
 - ☒ 4. Deepak

Q.131 How many meaningful four-letter English words can be formed using M, N, G and I using all the letters but each letter only once in each word?

- Ans**
- ☐ 1. Two
 - ☐ 2. Three
 - ☐ 3. One
 - ☒ 4. None

Q.132 In the following triad, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

TWND - DTWN - NDTW

TPWI - ITPW - WITP

- Ans**
- ☐ 1. QBKL - BKLQ - KLQB
 - ☐ 2. GCZJ - CZJG - ZJGC
 - ☐ 3. ALDM - LDMA - DMAL
 - ☒ 4. QOFY - YQOF - FYQO

Q.133 Refer to the following letter series and answer the question. Counting to be done from left to right only.

(Left) L L U W S Q R O C F T U D J Y Q Y D R W T (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a vowel?

- Ans**
- ☒ 1. None
 - ☐ 2. Three
 - ☐ 3. One
 - ☐ 4. Two

Q.134 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question?

(NOTE - A two/three-digit number cannot be broken into individual digits for operations e.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits)

5 - 9 - 72 - 84

16 - 20 - 160 - 172

- Ans**
- ☐ 1. 9 - 14 - 109 - 122
 - ☒ 2. 40 - 44 - 352 - 364
 - ☐ 3. 49 - 56 - 448 - 460
 - ☐ 4. 9 - 15 - 150 - 162

Q.135 નીચે આપેલા શબ્દોની ગોઠણાવીને તાર્કિક અને અર્થપૂર્ણ ક્રમમાં દર્શાવતો સાચો વિકલ્પ પસંદ કરો.

1. પખવાડિયું
2. દિવસ
3. કલાક
4. સેકન્ડ
5. મિનિટ

Ans ☒ 1. 4, 3, 1, 5, 2
☒ 2. 3, 1, 2, 4, 5
☒ 3. 4, 5, 3, 2, 1
☒ 4. 1, 2, 4, 5, 3

Q.136 In this question, a question is followed by two statements numbered (I) and (II). You have to decide the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Q. If 5th February of year X falls on a Thursday, on which day of the week will 5th July of the same year fall?

Statement I: Year X is not a leap year.

Statement II: Year Y is Year X+1.

Ans ☒ 1. Data in statement II alone is sufficient to answer the question while data in statement I is not
☒ 2. Data in statement I alone is sufficient to answer the question while data in statement II is not
☒ 3. Both statements I and II together are NOT sufficient to answer the question
☒ 4. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

Q.137 An accurate clock shows 8:25 am. By how many degrees will the hour hand rotate when the clock shows 2:13 pm on the same day?

Ans ☒ 1. 170°
☒ 2. 168°
☒ 3. 172°
☒ 4. 174°

Q.138 Seven people - E, G, I, K, M, O and T are sitting in a row facing north. Only two people sit to the left of K. Only three people sit between K and T. I sits second to the right of K. Only two people sit between I and O. E sits at some place to the right of G but at some place to the left of M. How many people sit to the right of E?

Ans ☒ 1. One
☒ 2. Four
☒ 3. Three
☒ 4. Two

Q.139 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

BDL 5, DFN 10, FHP 15, HJR 20, ?

Ans ☒ 1. ILR 22
☒ 2. JNV 30
☒ 3. JLT 25
☒ 4. KMP 27

Q.140 Select the option that indicates the correct arrangement of the given words in the order in which they appear in an English Language Dictionary.

1. Apple
2. River
3. Chair
4. Moon

Ans ☒ 1. 1, 3, 4, 2

☐ 2. 3, 1, 4, 2

☐ 3. 2, 4, 3, 1

☐ 4. 1, 4, 3, 2

Q.141 In a certain code language, 'SUMP' is coded as '8931' and 'MASU' is coded as '8213'. What is the code for 'A' in the given code language?

Ans ☐ 1. 1

☒ 2. 2

☐ 3. 3

☐ 4. 8

Q.142 In a row of 85 students facing the north, Pooja's position is 63rd from the left end and Rahul's position is 29th from the right end.

Fill in the following blank:

Only _____ students are sitting between Pooja and Rahul.

Ans ☐ 1. 4

☐ 2. 7

☐ 3. 6

☒ 4. 5

Q.143 Refer to the following letter series and answer the question. Counting to be done from left to right.

(Left) J F O R W J T Z U Q A V R J V D E I D D X R E I J T (Right)

How many such vowels are there, each of which is immediately preceded by a consonant and also immediately followed by a consonant?

Ans ☐ 1. One

☐ 2. Four

☐ 3. Two

☒ 4. Three

Q.144 In this question, a question is followed by two statements numbered (I) and (II). You have to decide the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Q. If 1st February of year X falls on a Sunday, on which day of the week will 1st March of the same year fall?

Statement I: February has 29 days.

Statement II: Year X is divisible by 4.

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

☐ 2. Data in statement II alone is sufficient to answer the question while data in statement I is not

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

☐ 4. Both statements I and II together are NOT sufficient to answer the question

- Q.145** In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and decide the appropriate answer.
Q. Four people, M, N, O, and P, live on different floors of a four-storey building. The ground floor is numbered 1 and the top floor is numbered 4. Who lives on the ground floor?
Statement I: M lives on floor 2, and N lives immediately below M.
Statement II: O lives immediately above P. P lives on one of the floors above N.

Ans ☒ 1. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.
☒ 2. Both statements I and II together are NOT sufficient to answer the question.
☒ 3. Data in statement II alone is sufficient to answer the question while data in statement I is not.
☒ 4. Data in statement I alone is sufficient to answer the question while data in statement II is not.

- Q.146** Based on the English alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans ☒ 1. LOQ
☒ 2. GJL
☒ 3. DGJ
☒ 4. BEG

- Q.147** In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and decide the appropriate answer.

Q. Four people, M, N, O and Q, are of different ages. Who is the oldest?
Statement I: M is older than N and O. Q is the youngest.
Statement II: N is older than O and Q.

Ans ☒ 1. Data in statement II alone is sufficient to answer the question while data in statement I is not.
☒ 2. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.
☒ 3. Both statements I and II together are NOT sufficient to answer the question.
☒ 4. Data in statement I alone is sufficient to answer the question while data in statement II is not.

- Q.148** This question is based on the five numbers given below.
(Left) 8064 266 6734 5459 349 (Right)

NOTE - All operations to be done from left to right.

If all the numbers are arranged in ascending order from left to right, the position of how many numbers will remain unchanged?

Ans ☒ 1. Three
☒ 2. None
☒ 3. Two
☒ 4. One

- Q.149** If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3427185, what will be the difference of the digits which are second from the left and second from the right in the new number thus formed?

Ans ☒ 1. 2
☒ 2. 5
☒ 3. 3
☒ 4. 4

Q.150 If 16 June 2005 is Thursday then what will be the day of the week on 20 October 2020?

- Ans**
-  1. Monday
 -  2. Tuesday
 -  3. Sunday
 -  4. Wednesday