

GSSSB CBRT Adv 378 CCE 2026

Test Date	16/09/2026
Test Time	9:00 AM - 11:00 AM
Subject	378 Combined Competitive Examination

Section : English

Q.1 Choose the most appropriate noun to complete the given sentence.

The jury was impressed by the ____ of the witness.

- Ans
- ☐ 1. beauty
 - ☐ 2. trickery
 - ☒ 3. honesty
 - ☐ 4. drama

Q.2 Choose the sentence that is correctly written in the passive voice.

- Ans
- ☐ 1. The mechanic repaired the vehicle quickly at the workshop.
 - ☐ 2. The chef prepared a special meal for the banquet guests.
 - ☒ 3. The bridge was inspected by the engineers after the storm.
 - ☐ 4. The travelers crossed the river before sunset yesterday evening.

Q.3 Convert this sentence into the Future Perfect Continuous tense, beginning your new sentence with "By next year."

She has been teaching at the academy for nine years.

- Ans
- ☐ 1. By next year, she will teach at the academy for a decade.
 - ☐ 2. By next year, she will have taught at the academy for a decade.
 - ☒ 3. By next year, she will have been teaching at the academy for a decade.
 - ☐ 4. By next year, she will be teaching at the academy for a decade.

Q.4 Identify the sentence with the correct use of articles.

He is best candidate for the position.

- Ans
- ☐ 1. He is a best candidate for the position.
 - ☐ 2. He is best candidate of the position.
 - ☐ 3. He is an best candidate for the position.
 - ☒ 4. He is the best candidate for the position.

Q.5 Choose the synonym for the bold word in the sentence.

The scientist was **amazed** by the results.

- Ans
- ☐ 1. doubtful
 - ☐ 2. careless
 - ☒ 3. astonished
 - ☐ 4. exhausted

Q.6 Select the correct one-word substitution for "outrageous and disgraceful; shockingly bad or offensive."

- Ans
- ☐ 1. Obscure
 - ☐ 2. Laudable
 - ☐ 3. Trivial
 - ☒ 4. Egregious

Q.7 Select the most appropriate option to substitute the underlined word segment in the given sentence.

Rosenberg has faded into a poorly remembered written, spoken, or drawn silly portrayal of himself.

- Ans
- ☐ 1. stricture
 - ☐ 2. literature
 - ☐ 3. investiture
 - ☒ 4. caricature

Q.8 "I have seen this film." નો સાચો ગુજરાતી અનુવાદ કયો છે?

- Ans
- ☐ 1. હું આ ફિલ્મ જોઈ રહ્યો છું.
 - ☒ 2. મેં આ ફિલ્મ જોઈ છે.
 - ☐ 3. હું આ ફિલ્મ જોઈશ.
 - ☐ 4. મેં આ ફિલ્મ જોઈ હતી.

Q.9 Select the most appropriate meaning of the given idiom- cast pearls before swine

- Ans
- ☐ 1. To fight imaginary enemies or unrealistic problems
 - ☐ 2. Train animals professionally for making them more useful
 - ☒ 3. To offer something valuable to those who do not know its value
 - ☐ 4. Share knowledge equally so that everyone can take benefit

Q.10 Transform the simple sentence into a compound sentence.
She opened the window to let in fresh air.

- Ans
- ☒ 1. She opened the window, and fresh air came in.
 - ☐ 2. To let in fresh air, she opened the window.
 - ☐ 3. Since she opened the window, fresh air came in.
 - ☐ 4. Opening the window, she let in fresh air.

Q.11 Choose the most appropriate option to complete the given sentence.

The _____ of the conference inspired many _____ to pursue research in the field.

- Ans
- ☒ 1. theme, students
 - ☐ 2. location, organizers
 - ☐ 3. topic, speakers
 - ☐ 4. duration, sponsors

Q.12 Choose the option that shows another meaning of the bold word given in the sentence.

The **seal** balanced a ball on its nose.

- Ans
- ☐ 1. a floating marker used in water
 - ☒ 2. a stamp used to close an envelope
 - ☐ 3. a highly intelligent marine mammal
 - ☐ 4. a large marine mammal with tusks

Q.13 Arrange the segments in the correct order to form a complete sentence.

- A. shifted his attention
- B. to the unfinished report
- C. having finally completed the presentation,
- D. on his desk
- E. the project manager

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

Q.14 Select the most appropriate option to fill in the blank.
The dean said, "Any student who _____ absent for more than twenty percent of classes will be barred from the final examination."

- Ans ☒ 1. must be
☒ 2. is
☒ 3. was
☒ 4. would be

Q.15 Convert the given sentence into the Future Perfect tense.

By midnight, the storm will destroy the old wooden pier.

- Ans ☒ 1. By midnight, the storm will have destroyed the old wooden pier.
☒ 2. By midnight, the storm will have been destroying the old wooden pier.
☒ 3. By midnight, the storm will be destroying the old wooden pier.
☒ 4. By midnight, the storm would have destroy the old wooden pier.

Section : Gujarati

Q.16 નીચે આપેલ વાક્યોમાંથી ભાષાશુદ્ધિની દૃષ્ટિએ સાચું વાક્ય ઓળખાવો.

- Ans ☒ 1. રમેશ આજે બીમાર હતો, છતાં પણ તે શાળાએ ભણવા ગયો?
☒ 2. રમેશ આજે બીમાર હતો, છતાં પણ તે શાળાએ ભણવા ગયો!
☒ 3. રમેશ આજે બીમાર હતો, છતાં પણ તે શાળાએ ભણવા ગયો.
☒ 4. રમેશ; આજે બીમાર હતો, છતાં પણ તે શાળાએ ભણવા ગયો.

Q.17 નીચેનામાંથી સંજ્ઞા સાથે વિભક્તિનો ઉપયોગ થયો હોય તેવું વાક્ય શોધો.

- Ans ☒ 1. કોઈકે ઘંટ વગાડ્યો.
☒ 2. મીઠી કેરી લટકી રહી છે.
☒ 3. શિક્ષકે બોર્ડ પર સરસ ચિત્ર દોર્યું.
☒ 4. ગરીબ હોસ્પિટલ દાખલ થયો.

Q.18 આ સાથે આપેલ ગુજરાતી વાક્યનો યોગ્ય અંગ્રેજી અનુવાદ ઓળખાવો : અમે હિન્દી વાંચીએ છીએ.

- Ans ☒ 1. Us read Hindi.
☒ 2. We reads Hindi.
☒ 3. We reading Hindi.
☒ 4. We read Hindi.

Q.19 'હરિ' શબ્દનો સમાનાર્થી શબ્દ શોધો.

- Ans ☒ 1. વાઘ
☒ 2. ગાય
☒ 3. સિંહ
☒ 4. હાથી

Q.20 માત્રામેળ છંદમાં અમુક અમુક અંતરે ભાર મુકાય છે તેને શું કહેવામાં આવે છે?

- Ans ☒ 1. તાલ
☒ 2. ચરણ
☒ 3. યતિ
☒ 4. ગણ

Q.21 સાચી જોડણીવાળું વાક્ય શોધો:

- Ans
- ☐ 1. સૂર્યમુખીનું ફૂલ હંમેશાં સૂર્યની દિશા તરફ નમેલું રહે છે.
 - ☐ 2. સૂર્યમુખીનું ફૂલ હંમેશાં સૂર્યની દીશા તરફ નમેલું રહે છે.
 - ☒ 3. સૂર્યમુખીનું ફૂલ હંમેશાં સૂર્યની દિશા તરફ નમેલું રહે છે.
 - ☐ 4. સૂર્યમુખીનું ફૂલ હંમેશાં સૂર્યની દિશા તરફ નમેલું રહે છે.

Q.22 'અડધું ત્યજે પંડિત, સઘળું ત્યજે ગમાર' કહેવતનો અર્થ શું છે?

- Ans
- ☐ 1. મૂર્ખ માણસ હંમેશા સફળ થાય છે.
 - ☐ 2. પંડિત માણસ બધું છોડી દે છે.
 - ☐ 3. વધારે સંપત્તિ મેળવવી જોઈએ.
 - ☒ 4. ડાહ્યો માણસ બાંધછોડ કરીને થોડુંય બચાવી લે છે જ્યારે મૂર્ખ સઘળું ગુમાવે.

Q.23 આપેલ વિકલ્પમાંથી 'સમૃદ્ધ' શબ્દનો સાચો સંધિ વિચ્છેદ શોધો.

- Ans
- ☐ 1. સ્ + મૃદ્ધ
 - ☐ 2. સન + દ્ધ
 - ☒ 3. સમ્ + ર્ઘ
 - ☐ 4. સમ્ + દ્ધ

Q.24 "જાહેરાત" શબ્દનો સાચો અંગ્રેજી શબ્દ કયો છે?

- Ans
- ☐ 1. Secret
 - ☐ 2. Whisper
 - ☒ 3. Announcement
 - ☐ 4. Hide

Q.25 'રચનાત્મક' શબ્દનો વિરુદ્ધાર્થી કયો છે?

- Ans
- ☐ 1. પ્રેરણાદાયક
 - ☐ 2. સર્જનાત્મક
 - ☒ 3. ખંડનાત્મક
 - ☐ 4. ઉપયોગી

Q.26 નીચે આપેલ પંક્તિનો અલંકાર ઓળખાવો.
એ અદ્ભુત પ્રદેશ પૃથ્વી પર સ્વર્ગ જેવો પ્રકાશતો.

- Ans
- ☐ 1. અનન્વય અલંકાર
 - ☐ 2. ઉત્પ્રેક્ષા અલંકાર
 - ☒ 3. ઉપમા અલંકાર
 - ☐ 4. શ્લેષ અલંકાર

Q.27 'શ્ + આ'નું અક્ષરરૂપ કયું છે?

- Ans
- ☒ 1. શા
 - ☐ 2. શે
 - ☐ 3. શુ
 - ☐ 4. શી

Q.28 નીચેનામાંથી કયો વ્યંજન 'ઘોષ' અને 'અલ્પપ્રાણ' બંને ગુણધર્મ ધરાવે છે?

- Ans
- ☐ 1. ઘ
 - ☐ 2. ખ
 - ☒ 3. ગ
 - ☐ 4. ક

Q.29 "ઓ" પહેલાં કયો સ્વર આવે?

- Ans
- ☐ 1. અં
 - ☐ 2. ઔ
 - ☒ 3. ઐ
 - ☐ 4. એ

Q.30 'સદુણ' શબ્દનો સમાસ ઓળખાવો.

- Ans
- ☐ 1. તત્પુરુષ
 - ☐ 2. ઢંઢ
 - ☒ 3. કર્મધારય
 - ☐ 4. બહુવ્રીહિ

Section : General Awareness and Current Affairs

Q.31 Which population characteristic is most commonly associated with regions having fertile soil?

- Ans
- ☐ 1. Sparse population distribution
 - ☐ 2. No permanent settlements
 - ☒ 3. High population
 - ☐ 4. Low population

Q.32 Why was the marketed surplus of food grains important to the wider economic impact of the Green Revolution?

- Ans
- ☒ 1. It increased the supply of food grains available for sale in markets
 - ☐ 2. It had little influence on economic activities beyond agriculture
 - ☐ 3. It reduced the availability of food grains during shortage periods
 - ☐ 4. It increased the dependence on imported food grains for consumption

Q.33 In June 2026, the successful hot test of ISRO's Power Head Test Article (PHTA) was conducted as part of the development of which type of propulsion system?

- Ans
- ☒ 1. Semi-cryogenic rocket engine
 - ☐ 2. Scramjet propulsion engine
 - ☐ 3. Cryogenic upper-stage engine
 - ☐ 4. Solid rocket booster engine

Q.34 Following the 2026 Assam Assembly election, who continued as the Chief Minister after the National Democratic Alliance (NDA) retained power?

- Ans
- ☐ 1. Sarbananda Sonowal
 - ☐ 2. Gaurav Gogoi
 - ☐ 3. Bhabesh Kalita
 - ☒ 4. Himanta Biswa Sarma

Q.35 Atomic radius is commonly measured in units of

- Ans
- ☐ 1. Centimetres
 - ☐ 2. Millilitres
 - ☒ 3. Picometres
 - ☐ 4. Kilometres

Q.36 The phenomenon in which the left and right sides of an object appear interchanged in a plane mirror is known as

- Ans**
- ☐ 1. Multiple reflection
 - ☐ 2. Internal reflection
 - ☐ 3. Diffused reflection
 - ☒ 4. Lateral inversion

Q.37 Which princely state was annexed by Lord Dalhousie in 1856 on the grounds of misgovernment?

- Ans**
- ☒ 1. Awadh
 - ☐ 2. Nagpur
 - ☐ 3. Jhansi
 - ☐ 4. Satara

Q.38 National Panchayati Raj Day 2026 was observed on which date?

- Ans**
- ☐ 1. 25 March
 - ☐ 2. 22 May
 - ☐ 3. 23 June
 - ☒ 4. 24 April

Q.39 In June 2026, the Samagra Shishu Bal Swasthya Karyakram (SSBSK) was launched by the Government of India to provide a seamless continuum of care for children up to what age?

- Ans**
- ☐ 1. 12 months
 - ☐ 2. 60 months
 - ☒ 3. 36 months
 - ☐ 4. 24 months

Q.40 Which statement best defines energy?

- Ans**
- ☐ 1. The distance moved by an object under a force
 - ☐ 2. The force acting on an object
 - ☒ 3. The capacity of an object to do work
 - ☐ 4. The rate at which work is done

Q.41 What was India's overall rank in the QS World Future Skills Index 2027?

- Ans**
- ☒ 1. 13th
 - ☐ 2. 10th
 - ☐ 3. 5th
 - ☐ 4. 27th

Q.42 In 2026, which pair of agricultural products from Gujarat was awarded the Geographical Indication (GI) Tag for its distinct geographical origin and traditional reputation?

- Ans**
- ☐ 1. Banaskantha Potato and Bharuch Cotton
 - ☒ 2. Unjha Cumin and Unjha Fennel
 - ☐ 3. Kutch Dates and Bhal Barley Crop
 - ☐ 4. Rajkot Groundnut and Gir Kesar Mango

Q.43 Which of the following statements most accurately distinguishes population density from total population?

- Ans**
- ☐ 1. It indicates the proportion of population living in different regions.
 - ☐ 2. It explains the pattern of population distribution across a territory.
 - ☐ 3. It represents the total population residing within a geographical area.
 - ☒ 4. It expresses the average population living per unit area of land.

Q.44 Which of the following correctly describes the function of subordinate courts in India?

- Ans**
- ☐ 1. They exercise advisory jurisdiction on constitutional matters.
 - ☐ 2. They issue writs for restoring Fundamental Rights.
 - ☐ 3. They hear appeals against decisions of the Supreme Court.
 - ☒ 4. They consider cases of a civil and criminal nature.

Q.45 In the three-tier Panchayati Raj system, which institution functions as the apex body at the district level?

- Ans**
- ☐ 1. Nagar Panchayat
 - ☐ 2. Gram Panchayat
 - ☐ 3. Panchayat Samiti
 - ☒ 4. Zila Parishad

Q.46 Which groups were increasingly recruited into the British Indian Army after the Revolt of 1857?

- Ans**
- ☐ 1. Marathas and Rajputs only
 - ☐ 2. Tamils and Telugus only
 - ☒ 3. Sikhs, Gurkhas and Pathans
 - ☐ 4. Bengalis and Awadh sepoys

Q.47 Which architectural aspect of Dholavira distinguishes it as a carefully organised Harappan settlement?

- Ans**
- ☐ 1. A specialized layout focused entirely on a massive artificial dockyard basin connected to a tidal channel for overseas trade
 - ☐ 2. A layout characterized by a complete absence of a fortified Citadel, focusing instead on dense clusters of craft-production workshops
 - ☐ 3. A dual layout featuring an elevated Citadel built upon massive, uniform platforms of fired bricks with a separate, unfortified Lower Town
 - ☒ 4. A unique tripartite layout dividing the city into a fortified Citadel, Middle Town, and Lower Town, integrated with massive stone-cut reservoirs

Q.48 Who authored the memoir The Second Orbit: Belief of a Man... Dreams of 1.4 Billion Hearts, released by Air Chief Marshal Amar Preet Singh in June 2026?

- Ans**
- ☐ 1. Rakesh Sharma
 - ☐ 2. Amar Preet Singh
 - ☒ 3. Shubhanshu Shukla
 - ☐ 4. Angad Pratap

Q.49 If a farmer hires more workers beyond the point where land becomes crowded, what is likely to happen according to the law of variable proportions?

- Ans**
- ☐ 1. Each additional worker contributes the same output as the previous worker.
 - ☒ 2. Each additional worker contributes less output than the previous worker.
 - ☐ 3. Each additional worker contributes more output than the previous worker.
 - ☐ 4. Each additional worker causes total output to decline immediately.

Q.50 Which practice most clearly demonstrates the economic priorities of the Rig Vedic Aryans as described in historical sources?

- Ans**
- ☐ 1. Using metal coins for daily market transactions
 - ☒ 2. Presenting cows and houses as gifts during religious ceremonies
 - ☐ 3. Constructing irrigation canals for extensive farming
 - ☐ 4. Establishing permanent settlements with large granaries

Q.51 What was a key reason the government played a large role in industrial development after independence?

- Ans**
- ☐ 1. Skilled labor was abundantly available
 - ☒ 2. Private industrialists lacked capital and adequate markets
 - ☐ 3. Private companies were unwilling to innovate
 - ☐ 4. There was high foreign investment in the market

Q.52 The sequence of changes in birth and death rates described by the Demographic Transition Theory is collectively known as the:

- Ans**
- ☐ 1. Migration cycle
 - ☐ 2. Urbanisation process
 - ☒ 3. Demographic cycle
 - ☐ 4. Population pyramid

Q.53 Kathakali, the classical dance-drama form of Kerala, is primarily based on stories drawn from which literary tradition?

- Ans**
- ☒ 1. Indian epics and Puranic literature
 - ☐ 2. Tribal storytelling traditions
 - ☐ 3. Romantic folk poetry traditions only
 - ☐ 4. Modern cinematic storytelling

Q.54 Which development best explains why the Gupta period is regarded as a significant phase in the history of Classical Sanskrit literature?

- Ans**
- ☒ 1. The expansion of Sanskrit poetry and drama through works addressing diverse themes and forms
 - ☐ 2. The transformation of Sanskrit literature mainly through translations from regional languages
 - ☐ 3. The replacement of Sanskrit literary traditions by Pali and emerging regional languages
 - ☐ 4. The restriction of Sanskrit writing largely to religious scriptures and Smṛiti literature

Q.55 According to Jain doctrine, how many Tirthankaras have been recognized from the origins to the expansion of Jainism up to Mahavir Swami?

- Ans**
- ☐ 1. Twenty-five Tirthankaras
 - ☐ 2. Twenty-three Tirthankaras
 - ☐ 3. Twenty Tirthankaras
 - ☒ 4. Twenty-four Tirthankaras

Q.56 Which category of activities relies primarily on specialised skills and knowledge of individuals to offer professional services in exchange for prescribed fees?

- Ans**
- ☒ 1. Tertiary activities
 - ☐ 2. Subsistence activities
 - ☐ 3. Secondary activities
 - ☐ 4. Primary activities

Q.57 Which singer won Song of the Year at the Grammys 2026?

- Ans**
- ☐ 1. Lady Gaga
 - ☐ 2. Taylor Swift
 - ☐ 3. Olivia Dean
 - ☒ 4. Billie Eilish

Q.58 The World Economic Outlook (WEO) 2026 was published by which of the following organizations in April 2026?

- Ans**
- ☐ 1. World Trade Organization (WTO)
 - ☒ 2. International Monetary Fund (IMF)
 - ☐ 3. World Bank
 - ☐ 4. World Health Organisation (WHO)

Q.59 Which of the following is the supreme institution for larger urban areas?

- Ans**
- ☐ 1. Gram Panchayat
 - ☐ 2. Municipal Council
 - ☒ 3. Municipal Corporation
 - ☐ 4. Nagar Panchayat

Q.60 What was the theme of the Ahmedabad International Flower Show inaugurated in January 2026?

- Ans**
- ☐ 1. Unity in Diversity
 - ☐ 2. Ek Bharat Shreshtha Bharat
 - ☒ 3. Bharat Ek Gatha
 - ☐ 4. Viksit Gujarat

Section : Quantitative Aptitude

Q.61 A pipe fills a tank in 15 hours, while a leak empties it in 30 hours. If both of them operate together, how long will it take to fill the tank?

- Ans**
- ☐ 1. 20 hours
 - ☐ 2. 25 hours
 - ☒ 3. 30 hours
 - ☐ 4. 45 hours

Q.62 A sum of money earns a simple interest of ₹2,250 in 5 years at the rate of 9% per annum. What is the principal?

- Ans**
- ☐ 1. ₹10,000
 - ☒ 2. ₹5,000
 - ☐ 3. ₹8,000
 - ☐ 4. ₹4,000

Q.63 A man's expenditure is 80% of his income. If his income decreases by 10% and his expenditure decreases by 5%, what is the percentage decrease in his savings?

- Ans**
- ☒ 1. 30%
 - ☐ 2. 25%
 - ☐ 3. 40%
 - ☐ 4. 20%

- Q.64 A tent consists of a cylindrical portion surmounted by a hemispherical top. If the radius of both the cylinder and the hemisphere is 7 m and the height of the cylindrical portion is 6 m, find the total surface area of the tent, excluding the base.

$\left(\text{Use } \pi = \frac{22}{7} \right)$

- Ans ☒ 1. 572 m²
☐ 2. 580 m²
☐ 3. 527 m²
☐ 4. 520 m²

- Q.65 The cost price of 120 notebooks is equal to the selling price of 96 notebooks. Find the profit percentage.

- Ans ☐ 1. 35%
☐ 2. 45%
☐ 3. 30%
☒ 4. 25%

- Q.66 Consider the system of linear equations: $2x + 3y = 7$ and $4x + 6y = 15$. Which of the following best describes the nature of the solution of this system?

- Ans ☐ 1. The system has a unique solution.
☒ 2. The system has no solution.
☐ 3. The system has infinitely many solutions.
☐ 4. The system has exactly two solutions.

- Q.67 Find the mean proportional between 45 and 245.

- Ans ☐ 1. 95
☐ 2. 115
☒ 3. 105
☐ 4. 85

- Q.68 A shopkeeper claims to sell sugar at its cost price. However, he uses a faulty weight of 900 g as 1 kg while selling. What is his profit percentage?

- Ans ☐ 1. 11%
☒ 2. $11\frac{1}{9}\%$
☐ 3. $11\frac{1}{3}\%$
☐ 4. $11\frac{2}{9}\%$

- Q.69 A circle of radius 7 cm is inscribed in a square whose side measures 14 cm, touching all four sides. Find the area enclosed by the square but lying outside the circle.

$\left(\text{Use } \pi = \frac{22}{7} \right)$

- Ans ☐ 1. 44 cm²
☐ 2. 40 cm²
☐ 3. 38 cm²
☒ 4. 42 cm²

Q.70 A map is drawn to a scale of 1 : 50,000. The distance between two towns on the map is 8.4 cm. Find the actual distance between the towns (in km).

- Ans**
- ☐ 1. 4.8 km
 - ☐ 2. 5.2 km
 - ☐ 3. 4.6 km
 - ☒ 4. 4.2 km

Q.71 A vehicle covers 90 km at 45 km/h, 120 km at 60 km/h, and 150 km at 75 km/h. What is the average speed of the journey?

- Ans**
- ☐ 1. 55 km/h
 - ☒ 2. 60 km/h
 - ☐ 3. 52 km/h
 - ☐ 4. 67 km/h

Q.72 If a pole 6 m high casts a shadow $2\sqrt{3}$ m long on the ground, then the sun's elevation is

- Ans**
- ☐ 1. 90°
 - ☐ 2. 30°
 - ☒ 3. 60°
 - ☐ 4. 45°

Q.73 A person reduces his speed by 20 km/h and takes 1 hour more to cover 240 km. What was his original speed?

- Ans**
- ☐ 1. 90 km/h
 - ☐ 2. 60 km/h
 - ☒ 3. 80 km/h
 - ☐ 4. 70 km/h

Q.74 A shopkeeper sold a bicycle for ₹6000 and gained 20%. How much would he have gained or lost if he had sold it for ₹5000?

- Ans**
- ☐ 1. 5% Profit
 - ☒ 2. No Profit No Loss
 - ☐ 3. 10% Loss
 - ☐ 4. 5% Loss

Q.75 The vertices of a park are located at points A (2, 3) and B (8, 11) on a coordinate plane. What is the distance (in units) between the two points?

- Ans**
- ☐ 1. 11
 - ☐ 2. 12
 - ☒ 3. 10
 - ☐ 4. 8

Q.76 The difference between the compound interest (compounded annually) and simple interest on a sum of money for 2 years at 8% per annum is ₹128. Find the principal.

- Ans**
- ☐ 1. ₹24,000
 - ☒ 2. ₹20,000
 - ☐ 3. ₹32,000
 - ☐ 4. ₹28,000

Q.77 A pipe can fill a tank in 8 hours. How much of the tank does it fill in 1 hour?

Ans

- ☐ 1. $\frac{1}{10}$
- ☐ 2. $\frac{1}{4}$
- ☐ 3. $\frac{1}{6}$
- ☒ 4. $\frac{1}{8}$

Q.78 A person spends 75% of his income. If his monthly income is ₹8,000, how much does he save in a month?

Ans

- ☒ 1. ₹2,000
- ☐ 2. ₹3,000
- ☐ 3. ₹1,500
- ☐ 4. ₹2,500

Q.79 The mean of 12, 16, 20, 24 and 28 is:

Ans

- ☒ 1. 20
- ☐ 2. 21
- ☐ 3. 18
- ☐ 4. 19

Q.80 Two inlet pipes A and B can fill a tank in 20 hours and 30 hours, respectively. An outlet pipe C can empty the full tank in 60 hours. All three pipes are opened together. After 8 hours, Pipe B is closed, while Pipes A and C continue to operate. How much additional time will be required to fill the remaining part of the tank?

Ans

- ☐ 1. 16 hours
- ☒ 2. 14 hours
- ☐ 3. 12 hours
- ☐ 4. 10 hours

Q.81 A dataset arranged in ascending order is given as 12, 15, 18, $2x - 3$, $2x + 1$, 30, 35, 40. If the median of this dataset is 23, what is the value of x ?

Ans

- ☒ 1. 12
- ☐ 2. 10
- ☐ 3. 13
- ☐ 4. 11

Q.82 Find the mean proportional between 27 and 75.

Ans

- ☐ 1. 55
- ☐ 2. 35
- ☐ 3. 65
- ☒ 4. 45

Q.83 Evaluate: $[72 \div \{3 \times (5 + 1)\}] + 18 - 4 \times (9 - 7)$

Ans

- ☐ 1. 10
- ☐ 2. 22
- ☒ 3. 14
- ☐ 4. 18

Q.84 A motorcyclist travels 144 km in 360 minutes. What is his speed in km/h?

- Ans ☒ 1. 24 km/h
☐ 2. 20 km/h
☐ 3. 22 km/h
☐ 4. 26 km/h

Q.85 If the product of the roots of a quadratic equation $x^2 + bx + 12 = 0$ is 12, which value of b gives the sum of the roots as -7?

- Ans ☐ 1. -7
☐ 2. 12
☒ 3. 7
☐ 4. -12

Q.86 The population of a town is 50,000. It increases at the rate of 8% per annum. What will be the population after 2 years?

- Ans ☐ 1. 57,320
☐ 2. 59,320
☒ 3. 58,320
☐ 4. 60,320

Q.87 If $\tan A = \frac{7}{24}$, then the value of $2 \cos A - \sin A$ is:

- Ans ☐ 1. $\frac{47}{25}$
☐ 2. $\frac{37}{25}$
☒ 3. $\frac{41}{25}$
☐ 4. $\frac{43}{25}$

Q.88 Given roots 6 and 7, what is the quadratic equation formed?

- Ans ☐ 1. $x^2 - 15x + 56 = 0$
☒ 2. $x^2 - 13x + 42 = 0$
☐ 3. $x^2 - 10x + 21 = 0$
☐ 4. $x^2 - 11x + 24 = 0$

Q.89 Three traffic lights blink at intervals of 15 seconds, 20 seconds, and 30 seconds respectively. After how many seconds will they blink together again?

- Ans ☐ 1. 30
☒ 2. 60
☐ 3. 90
☐ 4. 5

Q.90 A solid right circular cone has a height of 24 cm and a base radius of 7 cm. It is sliced by a plane parallel to the base, passing through the midpoint of its height. Find the volume of the smaller cone formed above the cutting plane. (

Use $\pi = \frac{22}{7}$)

- Ans ☐ 1. 462 cubic centimeters
☒ 2. 154 cubic centimeters
☐ 3. 616 cubic centimeters
☐ 4. 308 cubic centimeters

- Q.91** 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 are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Question:

Six people, P, Q, R, S, T and U, live on different floors of a six-storey building. The ground floor is numbered 1 and the top floor is numbered 6. Determine who lives on the top floor.

Statement I: P lives on floor 3. Q lives immediately above R.

Statement II: S lives immediately below P.

- 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 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.92** There are 8 persons in a family B, E, H, L, P, S, W and Z. B is the father of E. E is the mother of H. L is the husband of E. P is the brother of H. S is the daughter of E. W is the wife of B. Z is the son of S. Fill in the following blank. B is the _____ of H.

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

- Q.93** What should come in place of ? in the given series based on the English alphabetical order?

OXL KTH GPD CLZ YHV ?

- Ans** ☒ 1. UDR
☒ 2. UDS
☒ 3. UER
☒ 4. UDQ

- Q.94** This question is based on the five, four-digit numbers given below.

(Left) 6352 4917 8274 5638 3496 (Right)

(Example- 6971 – First digit = 6, second digit = 9, third digit = 7 and fourth digit = 1)

If 1 is added to third digit of every number, in how many numbers will the new third digit be exactly divisible by the fourth digit?

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

- Q.95** Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Pain
2. Recovery
3. Doctor
4. Hospital
5. Medicine

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

Q.96 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 are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Question:

Five people, R, S, T, U and V, live on different floors of a five-storey building. The ground floor is numbered 1 and the top floor is numbered 5. Determine who lives on the top floor.

Statement I: R lives immediately above S. T lives on floor 2.

Statement II: U lives immediately above T. V lives somewhere below R

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

(Left) W L D L ^ S D W L E F K G \$ I \$ # N A * H T Z \$ % K V A Z P (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. None
 - ☒ 2. Two
 - ☒ 3. One
 - ☒ 4. Four

Q.98 RANDOM શબ્દના દરેક અક્ષરને અંગ્રેજી મૂળાક્ષરોના ક્રમમાં ગોઠવવામાં આવે છે. આ રીતે બનેલા નવા અક્ષરોના સમૂહમાં, ડાબી બાજુથી ત્રીજા અને જમણી બાજુથી બીજા અક્ષરની વચ્ચે અંગ્રેજી મૂળાક્ષરોના ક્રમ પ્રમાણે કુલ કેટલા અક્ષરો આવે છે?

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

Q.99 Six friends, Hemant, Lakshmi, Farhan, Deepa, Tanvi and Bharat, each has different ages. Farhan is older than Hemant. Tanvi is older than Farhan. Deepa is younger than Hemant. Lakshmi is older than Tanvi. Bharat is younger than Deepa. Who is the youngest person in this group?

- Ans**
- ☒ 1. Deepa
 - ☒ 2. Bharat
 - ☒ 3. Hemant
 - ☒ 4. Farhan

Q.100 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: Some soil types are land areas. All earth surfaces are land areas.

Conclusion (I) : Some soil types are earth surfaces.

Conclusion (II) : All land areas are earth surfaces.

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

Q.101 120 is related to 70 following a certain logic. Following the same logic, 135 is related to 85. To which of the following is 105 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. 65
 - ☐ 2. 50
 - ☐ 3. 60
 - ☒ 4. 55

Q.102 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 are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Question:

Four men, P, Q, R and T, 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 top floor?

Statement I: R lives on floor 2, and P lives immediately above R.

Statement II: Q lives on the ground floor, and T lives above P.

- 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.103 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only. All numbers are single digit numbers only.
(Left) 8 * 2 @ # 5 1 % 9 & £ 4 7 ^ 3 (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. Two
 - ☐ 2. None
 - ☐ 3. One
 - ☒ 4. More than two

Q.104 E, I, O, P, Q and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
Only three people live between Q and I, where Q lives below I. Z lives on an odd numbered floor and immediately above Q. O lives on one of the floors below E and on one of the floors above P. Who lives on floor numbered 5?

- Ans
- ☐ 1. P
 - ☐ 2. O
 - ☐ 3. I
 - ☒ 4. E

Q.105 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Question: Ravi starts from point A and reaches point D. In which direction is point D from point A?

Statements:

(I) From A, Ravi walks 3 km north to reach B. From B, he turns right and walks 4 km to reach C. From C, he turns right and walks 3 km to reach D.

(II) Point B is to the north of A. Point C is to the east of B.

- Ans**
- ☐ 1. Both statements I and II together are NOT sufficient to answer the question
 - ☐ 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. Data in Statement I alone is sufficient to answer the question while data in statement II is not

Q.106 F, G, H, I, T, U and V are sitting around a circular table facing the centre. I sits fourth to the right of U. H sits second to the left of I. T sits to the immediate left of G. Only one person sits between G and F. Who is an immediate neighbour of both V and F?

- Ans**
- ☒ 1. H
 - ☐ 2. U
 - ☐ 3. G
 - ☐ 4. T

Q.107 The position(s) of how many letters will remain unchanged if each letter in the word SQUELCH is arranged in the English alphabetical order?

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

Q.108 Five people, N, R, V, W and X are sitting in a row, facing north. Only three people sit to the left of N. V sits to the immediate left of X. Only one person sits between W and R. Only two people sit between X and W. Who sits to the immediate left of W?

- Ans**
- ☐ 1. X
 - ☐ 2. V
 - ☐ 3. R
 - ☒ 4. N

Q.109 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.

Number/Symbol 3 # 7 & 1 ! @ 5 \$ 8

Codes P F V K M R H T D Q

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 @ 7

Ans ☒ 1. V R T H K

☐ 2. K R T H V

☐ 3. K R T H K

☐ 4. V T H R V

Q.110 એક ચોક્કસ સાંકેતિક ભાષામાં,
W + X નો અર્થ થાય છે કે 'W એ X ની બહેન છે'
W - X નો અર્થ થાય છે કે 'W એ X નો પતિ છે'
W × X નો અર્થ થાય છે કે 'W એ X ના પિતા છે'
W ÷ X નો અર્થ થાય છે કે 'W એ X ની પુત્રી છે'

ઉપરોક્ત અનુસાર, જો 'F - Q + S ÷ R × W' હોય, તો F એ W સાથે કેવી રીતે સંબંધિત છે?

Ans ☐ 1. ભાઈ

☒ 2. બહેનનો પતિ

☐ 3. પિતા

☐ 4. પતિ

Q.111 Mani starts from Point Y and drives 52 km towards North. He turns right and drives 11 km, takes a right and drives 77 km. He then takes a right turn and drives 45 km. He takes a right turn, drives 25 km, turns left and drives 41 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90 degrees turns only unless specified)

Ans ☐ 1. 79 km towards west

☒ 2. 75 km towards east

☐ 3. 82 km towards west

☐ 4. 80 km towards east

Q.112 Based on the 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 one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans ☐ 1. TVQ

☐ 2. FHC

☒ 3. KNH

☐ 4. VXS

Q.113 This question is based on the following words

FLY HOT BAG PEN

If in each of the words, each letter is changed to the letter immediately following it in the English alphabetical order, how many words thus formed will have no vowel?

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

Q.114 An accurate clock shows 9:07 am. By how many degrees will the minute hand rotate when the clock shows 9:51 am on the same day?

- Ans**
- ☐ 1. 250°
 - ☒ 2. 264°
 - ☐ 3. 282°
 - ☐ 4. 294°

Q.115 Choose the option in which all the details of the given name and address are correctly reproduced.

Mrs. Padmavathi R. Shekhawat, H. No. 23/4-A, Gangapole Lane, Near Hawa Mahal, Johari Bazaar, Jaipur, Rajasthan – 302002

- Ans**
- ☒ 1. Mrs. Padmavathi R. Shekhawat, H. No. 23/4-A, Gangapole Lane, Near Hawa Mahal, Johari Bazaar, Jaipur, Rajasthan – 302002
 - ☐ 2. Mrs. Padmavathi R. Shekhawat, H. No. 23/4-A, Gangapole Lane, Near Hawa Mahal, Johari Bazaar, Jaipur, Rajasthan – 302020
 - ☐ 3. Mrs. Padmavathi R. Shekhawat, H. No. 23/4-A, Gangapole Lane, Near Hawa Mahal, Johari Bazaar, Jaipur, Rajasthan – 302002
 - ☐ 4. Mrs. Padmavathi R. Shekawat, H. No. 23/4-A, Gangapole Lane, Near Hawa Mahal, Johari Bazaar, Jaipur, Rajasthan – 302002

Q.116 Five friends C, G, L, R, and W scored different marks in an exam. G scored more marks than L. C scored more marks than G. R scored fewer marks than L. W scored more marks than C. Fill in the following blank. _____ got the third highest marks in that exam.

- Ans**
- ☒ 1. G
 - ☐ 2. W
 - ☐ 3. C
 - ☐ 4. L

Q.117 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Decade
2. Month
3. Year
4. Century
5. Week

- Ans**
- ☐ 1. 4, 3, 1, 5, 2
 - ☒ 2. 4, 1, 3, 2, 5
 - ☐ 3. 1, 2, 3, 5, 4
 - ☐ 4. 3, 1, 2, 4, 5

Q.118 Refer to the following letter-symbol series and answer the question. Counting to be done from left to right only.

(Left) G J P R \$ E L K ^ \$ B T \$ F Y £ H U S P Y U Q F Q E N # V G (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. Five
 - ☐ 2. Three
 - ☐ 3. Four
 - ☐ 4. Two

Q.119 Refer to the following letter-symbol series and answer the question. Counting to be done from left to right only.

(Left) Z P S Z K @ Y U C & £ % P B U * P T \$ & * C R R J G M (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. One
 - ☐ 2. Two
 - ☐ 3. Three
 - ☒ 4. Four

Q.120 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Decade
2. Minute
3. Century
4. Millenium
5. Day

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

Q.121 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Furniture
2. Forest
3. Wood
4. Carpenter
5. Tree

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

Q.122 If 30 July 2002 is Tuesday then what will be the day of the week on 14 December 2015?

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

Q.123 Each of D, E, F, G, H, L and M has an interview on a different day of a week, starting from Monday and ending on Sunday of the same week. Only three people have interview between E and M. Only three people have interview between F and D. H has interview on some day before L and on some day after G. Only D has interview after M. How many people have interview before H?

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

Q.124 What should come in place of ? in the given series?
3200, 3400, 3700, 4100, 4600, 5200, ?

- Ans**
- ☐ 1. 5700
 - ☐ 2. 6000
 - ☒ 3. 5900
 - ☐ 4. 6100

Q.125 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $13 + 7 \div 2 - 24 \times 3 = ?$

- Ans**
- ☐ 1. 2
 - ☒ 2. 7
 - ☐ 3. 11
 - ☐ 4. 16

Q.126 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 are sufficient to answer the question. Read both the statements and decide the appropriate answer. Among 5 athletes Bharat, Chetan, Disha, Eshan and Fiza, each having a different height, who is the shortest?

(I) Chetan is shorter than Bharat. Disha is shorter than Chetan. Eshan is shorter than Disha.

(II) Fiza is taller than Eshan. Bharat is the tallest.

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

Q.127 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
MFQ 23, RKV 28, WPA 33, BUF 38, ?

- Ans**
- ☒ 1. GZK 43
 - ☐ 2. GZL 44
 - ☐ 3. HZK 44
 - ☐ 4. GAK 43

Q.128 If 14 December 2017 is a Thursday, then what was the day of the week on 23 January 2017?

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

Q.129 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 are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Question:

Four people, R, S, T and U, 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 floor 2?

Statement I: S lives on the ground floor. U lives immediately above T.

Statement II: R lives on floor 4.

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

Q.130 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 5142873, how many digits will appear more than once in the new number thus formed?

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

Q.131 All 33 students in a class are standing in a row facing north. Dany is 8th from the right end while Liya is 10th from the left end. How many people stand between Dany and Liya?

- Ans**
- ☐ 1. 18
 - ☐ 2. 16
 - ☐ 3. 10
 - ☒ 4. 15

Q.132 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 man out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- ☐ 1. LO-RU
 - ☒ 2. UT-BN
 - ☐ 3. ON-UT
 - ☐ 4. PK-VQ

Q.133 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?
 $200.05 \div 19.99 - 15.02 + 40.01 = ?$

- Ans**
- ☐ 1. 22
 - ☒ 2. 35
 - ☐ 3. 50
 - ☐ 4. 65

Q.134 Mr. Abdo starts from Point A and drives 6 km towards the East. He then takes a right turn, drives 7 km, then turns right and drives 8 km. He then takes a right turn and drives 9 km. He takes a final right turn, drives 2 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. 2 km to the north
 - ☐ 2. 4 km to the south
 - ☒ 3. 2 km to the south
 - ☐ 4. 4 km to the north

Q.135 Five friends Amit, Divya, Kunal, Rohit, and Sonia have different weights. Divya is heavier than Sonia. Amit is heavier than Divya. Rohit is heavier than Amit. Kunal is lighter than Sonia. Fill in the following blank. _____ is the heaviest person in this group.

- Ans**
- ☒ 1. Rohit
 - ☐ 2. Divya
 - ☐ 3. Kunal
 - ☐ 4. Amit

Q.136 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 statements and decide the appropriate answer.
Five people, Deepa, Farhan, Isha, Mohan and Ravi are sitting in a row facing north. Who sits exactly in the middle?
(I) Deepa sits at the extreme left end. Farhan sits to the immediate right of Deepa.
(II) Ravi sits second from the extreme right end. Isha is not an immediate neighbour of Mohan.

- 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 In a certain code language, 'YARK' is coded as '7958' and 'RACK' is coded as '8679'. What is the code for 'C' in the given code language?

- Ans**
- ☐ 1. 8
 - ☐ 2. 9
 - ☒ 3. 6
 - ☐ 4. 7

Q.138 BEI is related to FIM in a certain way based on the English alphabetical order. In the same way, FJN is related to JNR. To which of the following is CGL related to, following the same logic?

- Ans**
- ☐ 1. GKO
 - ☐ 2. KNS
 - ☒ 3. GKP
 - ☐ 4. JNR

Q.139 In a row of 83 students facing north, Kiran's position is 29th from the left end and Varun's position is 18th from the right end. Fill in the following blank. Only _____ students are sitting between Kiran and Varun.

- Ans**
- ☐ 1. 35
 - ☐ 2. 37
 - ☒ 3. 36
 - ☐ 4. 34

Q.140 Each letter in "KABELJOU" is changed to the letter immediately following it in the English alphabetical order and then all the letters thus formed are arranged in the English alphabetical order. How many letters positions will not change in the group of letters thus formed, as compared to the original word?

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

Q.141 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	1	8	%	6	#	5	+	@	!	3
C										
o										
d										
e	R	H	T	M	P	K	V	D	F	Q

Conditions –

- (i) If the first element is a number and the last a symbol, 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.
- 1 3 # % 6

- Ans**
- ☒ 1. R Q T P M
 - ☒ 2. © Q P T ©
 - ☒ 3. N Q P T R
 - ☒ 4. © Q T P ©

Q.142 The position(s) of how many letters will remain unchanged if each letter in the word WHISPER is arranged in alphabetical order?

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

Q.143 Seven boxes K, L, M, N, T, U and Z are kept one over the other but not necessarily in the same order. Only two boxes are kept between L and N. Only U is kept above K. No box is kept below N. Z is kept at some place below T but at some place above M. Which box is kept third above M?

- Ans ☒ 1. T
☐ 2. N
☐ 3. L
☐ 4. K

Q.144 If + means -, - means $\times$, $\times$ means $\div$, $\div$ means +, then what will come in place of the question mark (?) in the following equation?
 $9 \times 3 + 11 \div 2 - 4 = ?$

- Ans ☐ 1. 11
☒ 2. 0
☐ 3. 6
☐ 4. 3

Q.145 Refer to the following letter series and answer the question. Counting to be done from left to right.
(Left) Q M Y A O X O U N J I U W T U O Z M X B I O R O Z Y D (Right)
How many such vowels 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. Five

Q.146 There are 8 persons in a family A, D, G, K, N, R, V and X. A is the wife of D. G is the daughter of A. K is the husband of G. N is the son of G. R is the brother of G. V is the daughter of K. X is the sister of N. Fill in the following blank. N is the _____ of A.

- Ans ☐ 1. Mother's father
☒ 2. Daughter's son
☐ 3. Son's son
☐ 4. Father's father

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 are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Question:

Four people, N, O, P and Q, 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: P lives on floor 3, and Q lives on floor 4.

Statement II: O lives immediately above N.

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

Q.148 Below are given two sets of numbers. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) 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 given sets?

(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)

46 - 42 - 37 - 111

33 - 29 - 24 - 72

Ans ☒ 1. 49 - 45 - 40 - 120

☐ 2. 12 - 7 - 2 - 4

☐ 3. 18 - 15 - 11 - 33

☐ 4. 1 - -3 - -10 - -20

Q.149 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

CHP : IMT

GLS : MQW

Ans ☐ 1. EMP : KST

☐ 2. KRT : PXX

☐ 3. BHN : HNT

☒ 4. DJQ : JOU

Q.150 This question is based on the five, three-digit numbers given below.

(Left) 347 421 319 483 532 (Right)

(Example - 697 – First digit = 6, second digit = 9 and third digit = 7)

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

What will be the resultant if the second digit of the highest number is added to the third digit of the lowest number?

Ans ☒ 1. 12

☐ 2. 14

☐ 3. 11

☐ 4. 15