

GSSSB CBRT Adv 378 CCE 2026

Test Date	18/09/2026
Test Time	1:00 PM - 3:00 PM
Subject	378 Combined Competitive Examination

Section : English

Q.1 In the given question, a sentence is divided into different segments. The first segment is fixed; rearrange the other segments to form a coherent statement.

To achieve a state of quantum entanglement, two particles must (P) where the measurement of one instantaneously influences the other/ (Q) be linked in a way/ (R) regardless of the distance separating them/ (S) so their ultimate fates are correlated

- Ans
- ☒ 1. R P S Q
 - ☒ 2. P R Q S
 - ☒ 3. Q S P R
 - ☒ 4. Q S R P

Q.2 Choose the correct adjective to complete the given sentence.

Today is the _____ important day of my life.

- Ans
- ☒ 1. much
 - ☒ 2. much more
 - ☒ 3. more
 - ☒ 4. most

Q.3 Choose the correct form of future tense to fill in the blank.

"Have you finalized your presentation details?"

"Yes, I _____ the digital slides to the committee by 5:00 PM."

- Ans
- ☒ 1. am sending
 - ☒ 2. will send
 - ☒ 3. will be sending
 - ☒ 4. will have sent

Q.4 Choose the synonym for the highlighted word in the sentence.
The scientist conducted a **thorough** investigation.

- Ans
- ☒ 1. Detailed
 - ☒ 2. Dubious
 - ☒ 3. Messy
 - ☒ 4. Lucky

Q.5 Select the option which correctly converts the simple sentence to complex sentence:

I recognized the historic manor built by the legendary architect in the eighteenth century.

- Ans
- ☒ 1. I recognized the historic manor, which was built by the legendary architect in the eighteenth century.
 - ☒ 2. Having been built by the legendary architect in the eighteenth century, I recognized the historic manor.
 - ☒ 3. I recognized the historic manor it was built by the legendary architect in the eighteenth century.
 - ☒ 4. I recognized the historic manor and it was built by the legendary architect in the eighteenth century.

Q.6 Choose the correct word to fill in the blanks.
He cleaned ____ kitchen before making dinner.

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

Q.7 Select the most appropriate meaning of the given proverb.

There's no such thing as a free lunch.

- Ans**
- ☐ 1. One must not wait for a free lunch every time.
 - ☒ 2. People aren't just doing things to be nice.
 - ☐ 3. It is a good practice to serve food to the needy.
 - ☐ 4. Everyone is equal at the dining table.

Q.8 Identify the homonym of the word cell which conveys a different meaning than used in the sentence:

The prisoner was locked in a small cell overnight.

- Ans**
- ☐ 1. The guard locked the cell before leaving the prison.
 - ☐ 2. The inmate spent several hours in his cell.
 - ☒ 3. The scientist examined the cell under a powerful microscope.
 - ☐ 4. The prisoner was taken back to his cell after questioning.

Q.9 Choose the correct indirect speech form of the given sentence.

The doctor said to the patient, "You can resume light exercise after two weeks of rest."

- Ans**
- ☐ 1. The doctor told the patient that he can resume light exercise after two weeks of rest.
 - ☒ 2. The doctor told the patient that he could resume light exercise after two weeks of rest.
 - ☐ 3. The doctor told the patient that he might resume light exercise after two weeks of rest.
 - ☐ 4. The doctor told the patient that he would resume light exercise after two weeks of rest.

Q.10 "She is reading a book." નો સાચો ગુજરાતી અનુવાદ કયો છે?

- Ans**
- ☒ 1. તે પુસ્તક વાંચી રહી છે.
 - ☐ 2. તે પુસ્તક ખરીદી રહી છે.
 - ☐ 3. તે પુસ્તક લખી રહી છે.
 - ☐ 4. તે એક પુસ્તક વેચી રહી છે.

Q.11 Rectify the sentence by selecting the correct one from the options:

That was the most quickest race I have ever seen.

- Ans**
- ☒ 1. That was the quickest race I have ever seen.
 - ☐ 2. That was the more quick race I have ever seen.
 - ☐ 3. That was the most quickest race I have ever seen.
 - ☐ 4. That was the quick race I have ever seen.

Q.12 Select the correct one-word substitution for the given group of words.

A person who takes part in a conversation or dialogue

- Ans**
- ☐ 1. Dictator
 - ☒ 2. Interlocutor
 - ☐ 3. Orator
 - ☐ 4. Spectator

Q.13 Choose the option that provides the correct one-word substitution for the underlined group of words in the sentence.

The scholar was an expert in the study of ancient writing systems.

- Ans
- ✓ 1. Epigraphy
 - ✗ 2. Archaeology
 - ✗ 3. Anthropology
 - ✗ 4. Paleontology

Q.14 Choose the correct form of future tense to fill in the blank.

Don't phone me between 8:00 PM and 9:00 PM tonight because I _____ the live presidential debate.

- Ans
- ✓ 1. will be watching
 - ✗ 2. will have watched
 - ✗ 3. am going to watch
 - ✗ 4. will watch

Q.15 Select the option with the correct Passive voice usage.
I have paid the electricity bill.

- Ans
- ✗ 1. The electricity bill was being paid by me.
 - ✓ 2. The electricity bill has been paid by me.
 - ✗ 3. The electricity bill was paid by me.
 - ✗ 4. The electricity bill is paid by me.

Section : Gujarati

Q.16 "લ" પછી કયો અક્ષર આવે?

- Ans
- ✗ 1. શ
 - ✗ 2. ર
 - ✓ 3. વ
 - ✗ 4. હ

Q.17 બે શબ્દો વચ્ચે માત્ર એક જ ધ્વનિ બદલાવાથી આખો અર્થ બદલાઈ જાય તો તે ધ્વનિને શું કહેવાય?

- Ans
- ✗ 1. સંયુક્ત ધ્વનિ
 - ✓ 2. અર્થભેદક ધ્વનિ ઘટક
 - ✗ 3. ગૌણ ધ્વનિ
 - ✗ 4. અપ્રમાણભૂત ધ્વનિ

Q.18 'કાનફટા' શબ્દનો સમાસ ઓળખાવો.

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

Q.19 આ સાથે આપેલ ગુજરાતી વાક્યનો યોગ્ય અંગ્રેજી અનુવાદ ઓળખાવો : મને વાર્તાનાં પુસ્તકો વાંચવાં ગમે છે.

- Ans
- ✗ 1. Me like to read story books.
 - ✗ 2. I likes to read story books.
 - ✗ 3. I am like to read story books.
 - ✓ 4. I like to read story books.

Q.20 અલંકાર ઓળખાવો: ઓમની ગંભીરતા તો સાગર સમી છે.

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

Q.21 'અંગીથી નખ વેગળા, તે વેગળા' કહેવતનો અર્થ શું છે?

- Ans
- ☒ 1. એકતા જ સફળતા છે.
 - ☒ 2. પારકાં પોતાનાં ન બને.
 - ☒ 3. સંબંધો હંમેશા મજબૂત રહે છે.
 - ☒ 4. બધા લોકો એકસરખા હોય છે.

Q.22 નીચેનામાંથી કયા શબ્દની જોડણી શુદ્ધ (સાચી) છે?

- Ans
- ☒ 1. કિરીટ
 - ☒ 2. કિરિટ
 - ☒ 3. કિરીત
 - ☒ 4. કીરીટ

Q.23 નીચેનામાંથી સંજ્ઞા સાથે વિભક્તિનો ઉપયોગ થયો હોય તેવું વાક્ય શોધો.

- Ans
- ☒ 1. વાછરડું ગાય પાછળ-પાછળ દોડ્યું.
 - ☒ 2. લાલ ટોપી પહેરેલો માણસ ચાલ્યો ગયો.
 - ☒ 3. મેં તેને ગલામંડી જોયો હતો.
 - ☒ 4. ભારતની સરહદ ચારેય તરફ સુરક્ષિત છે.

Q.24 'પાણી' શબ્દનો સમાનાર્થી શબ્દ શોધો.

- Ans
- ☒ 1. અનલ
 - ☒ 2. જળ
 - ☒ 3. કેસરી
 - ☒ 4. ગૃહ

Q.25 આપેલ વિકલ્પમાંથી શબ્દસમૂહ માટે એક શબ્દ શોધો : 'પોતાની જાત સાથે છેતરપિંડી'

- Ans
- ☒ 1. ઠગી
 - ☒ 2. આત્મસંયમી
 - ☒ 3. બગભગત
 - ☒ 4. આત્મવંચના

Q.26 'ઘાત' શબ્દની સાચી વર્ણરચના કઈ છે?

- Ans
- ☒ 1. ઘ્ + અ + ત્ + અ
 - ☒ 2. ઘ્ + અ + ત્ + આ
 - ☒ 3. ઘ્ + ઓ + ત્ + અ
 - ☒ 4. ઘ્ + આ + ત્ + અ

Q.27 ઘાટાં ભીનાં વિપટ પર એ ત્યાં નિહાળે સુવર્ણ : આપેલ પંક્તિનો છંદ ઓળખાવો.

- Ans
- ☒ 1. મંદાકાન્ત
 - ☒ 2. હરિણી
 - ☒ 3. શિખરિણી
 - ☒ 4. પૃથ્વી

Q.28 'મારુત' શબ્દનો સમાનાર્થી શબ્દ શોધો.

- Ans
- ☒ 1. પવન
 - ☐ 2. અગ્નિ
 - ☐ 3. વરસાદ
 - ☐ 4. સમુદ્ર

Q.29 નીચે આપેલ વાક્યોમાંથી લેખનશુદ્ધિની દૃષ્ટિએ સાચું વાક્ય ઓળખાવો.

- Ans
- ☐ 1. ગામડાનું શાંત અને શુદ્ધ વાતાવરણ મનને ખુબ આનંદ આપે છે.
 - ☐ 2. ગામડાનું શાંત અને શુદ્ધ વાતાવરણ મનને ખુબ આનંદ આપે છે.
 - ☐ 3. ગામડાનું શાંત અને શુદ્ધ વાતાવરણ મનને ખૂબ આનંદ આપે છે.
 - ☒ 4. ગામડાનું શાંત અને શુદ્ધ વાતાવરણ મનને ખૂબ આનંદ આપે છે.

Q.30 'તેણે મને મદદ કરવાનું વચન આપ્યું.' વાક્યનું નીચેનામાંથી સાચું અંગ્રેજી વિધાન કયું છે?

- Ans
- ☐ 1. He promised helping me.
 - ☐ 2. He promised to helped me.
 - ☐ 3. He promised me help to.
 - ☒ 4. He promised to help me.

Section : General Awareness and Current Affairs

Q.31 In June 2026, heads of government from the world's leading advanced economies convened in France, for a three-day high-level meeting hosted by Emmanuel Macron. Which international summit was being held?

- Ans
- ☒ 1. G7 Summit
 - ☐ 2. NATO Summit
 - ☐ 3. G20 Summit
 - ☐ 4. BRICS Summit

Q.32 Which of the following features best describes the First-Past-The-Post (FPTP) system used in Indian general elections?

- Ans
- ☐ 1. Seats are allocated to political parties according to their overall share of valid votes.
 - ☐ 2. Voters rank candidates in order of preference, and votes are transferred accordingly.
 - ☒ 3. The candidate receiving the highest number of valid votes in a constituency is declared elected.
 - ☐ 4. The candidate receiving more than half of the valid votes cast in a constituency is declared elected.

Q.33 A tuning fork is struck gently and begins moving rapidly to and fro before producing sound. This to-and-fro motion of its prongs is known as:

- Ans
- ☐ 1. Rotational motion
 - ☒ 2. Periodic vibration
 - ☐ 3. Non uniform motion
 - ☐ 4. Linear translation

Q.34 Which initiative of the Ministry of Panchayati Raj received the Gold Award at the National Awards for e-Governance (NAeG) 2026 under the category Digital Transformation by Use of Data Analytics in Digital Platforms?

- Ans
- ☐ 1. e-GramSwaraj Portal
 - ☐ 2. SVAMITVA Scheme
 - ☒ 3. Panchayat Advancement Index
 - ☐ 4. AuditOnline Platform

Q.35 Unlike countries such as Germany, where national identity was historically tied to ethnicity, what approach does the Indian Constitution take toward citizenship?

- Ans**
- ☐ 1. It leaves citizenship criteria entirely undefined
 - ☐ 2. It restricts citizenship to a single dominant ethnic group
 - ☐ 3. It makes ethnic identity a criterion for citizenship
 - ☒ 4. It does not make ethnic identity a criterion for citizenship

Q.36 In a semi-clustered settlement in India, some groups live away from the main village due to which of the following factors?

- Ans**
- ☒ 1. Social segregation
 - ☐ 2. Climate and weather
 - ☐ 3. Tourism activities
 - ☐ 4. Industrial development

Q.37 Which of the following was a major recommendation of the Nehru Report (1928)?

- Ans**
- ☒ 1. Dominion Status
 - ☐ 2. Abolition of provincial legislatures
 - ☐ 3. Separate electorates for all communities
 - ☐ 4. Complete independence

Q.38 What is the main economic advantage of Apni Mandis and Rythu Bazars for small farmers?

- Ans**
- ☐ 1. Higher availability of storage facilities
 - ☐ 2. Greater access to institutional credit
 - ☐ 3. Increased access to input subsidies
 - ☒ 4. Lower dependence on market intermediaries

Q.39 On National Vaccination Day, observed in March 2026, what was the theme of the celebration?

- Ans**
- ☐ 1. Vaccines for Every Generation
 - ☒ 2. Immunization for All is Humanly Possible
 - ☐ 3. Universal Vaccination, Stronger Nation
 - ☐ 4. Healthy India Through Immunization

Q.40 Which of the following temples is known for its distinctive Dravidian style architecture?

- Ans**
- ☐ 1. Sun Temple, Konark
 - ☒ 2. Brahadeeswarar Temple, Thanjavur
 - ☐ 3. Golden Temple, Amritsar
 - ☐ 4. Dilwara Temples, Mount Abu

Q.41 Which change followed the financial sector reforms introduced in India after 1991?

- Ans**
- ☐ 1. Exclusive expansion rights for public sector banks
 - ☐ 2. Banks facing stricter controls on foreign exchange trading
 - ☒ 3. Greater freedom for private and foreign banks
 - ☐ 4. Reduced emphasis on rural banking expansion

Q.42 Which of the following correctly describes the role of peasants during the Revolt of 1857?

- Ans**
- ☐ 1. They supported the British authorities to preserve their landholdings.
 - ☒ 2. They attacked moneylenders, destroyed revenue records, and looted colonial offices.
 - ☐ 3. They confined their actions strictly to protecting local crops and cattle.
 - ☐ 4. They remained neutral and refused to participate in the rebellion.

Q.43 What cultural tradition is specifically mentioned in the Rig Veda as associated with the Vedic people's social and ritual life?

- Ans**
- ☐ 1. Worshipping idols in specially built temples
 - ☒ 2. Consuming somarasa as a ritual beverage
 - ☐ 3. Organizing large fairs for social gatherings
 - ☐ 4. Constructing stone altars for public offerings

Q.44 Which artist won the Album of the Year at the 2026 Grammy Awards?

- Ans**
- ☐ 1. Billie Eilish
 - ☒ 2. Bad Bunny
 - ☐ 3. Lady Gaga
 - ☐ 4. Kendrick Lamar

Q.45 Gujarat received the Agriculture Leadership Award 2026 at the 17th Agriculture Leadership Conclave primarily for its achievements in which of the following sectors?

- Ans**
- ☐ 1. Organic cotton cultivation and exports
 - ☐ 2. Agricultural mechanisation and drone technology
 - ☒ 3. Excellence in the horticulture sector
 - ☐ 4. Natural farming and millet promotion

Q.46 Which of the following atmospheric layers plays a major role in determining the weather and climate of the Earth?

- Ans**
- ☒ 1. Troposphere
 - ☐ 2. Thermosphere
 - ☐ 3. Stratosphere
 - ☐ 4. Mesosphere

Q.47 In May 2026, which state was declared the first fully paperless judiciary in India?

- Ans**
- ☒ 1. Sikkim
 - ☐ 2. Goa
 - ☐ 3. Himachal Pradesh
 - ☐ 4. Uttarakhand

Q.48 Which set contains only subjects associated with the cave paintings at Bhimbetka?

- Ans**
- ☒ 1. Elephant, rhinoceros and deer
 - ☐ 2. Rings, bangles and earrings
 - ☐ 3. Torans, pots and decorative coconuts
 - ☐ 4. Swastik, pitcher and Ganesha

Q.49 A ball is thrown vertically upward and slows down as it rises. Which of the following correctly describes the work done by gravity on the ball during its upward motion?

- Ans**
- ☒ 1. Negative because gravity acts opposite to the direction of motion
 - ☐ 2. Positive because gravity acts in the direction of motion
 - ☐ 3. Constant because gravity acts with the same magnitude throughout
 - ☐ 4. Zero because gravity acts perpendicular to the direction of motion

Q.50 How is the Rig Veda structured in terms of organization and content?

- Ans**
- ☐ 1. It is divided into 4 mandalas containing 400 suktas
 - ☐ 2. It is divided into 8 mandalas containing 800 suktas
 - ☐ 3. It is divided into 12 mandalas containing 1200 suktas
 - ☒ 4. It is divided into 10 mandalas containing 1028 suktas

Q.51 Stainless steel, commonly used for kitchen utensils because of its corrosion resistance, is an alloy of which metals?

- Ans**
- ☐ 1. Iron, aluminium and silver
 - ☐ 2. Iron, tin and lead
 - ☒ 3. Iron, chromium and nickel
 - ☐ 4. Iron, copper and zinc

Q.52 Patagonia Plateau of South America is an example of which type of plateau?

- Ans**
- ☐ 1. Continental Plateau
 - ☐ 2. Coastal Plateau
 - ☒ 3. Piedmont Plateau
 - ☐ 4. Intermontane Plateau

Q.53 Which organisation published the Responsible Nations Index (RNI) 2026?

- Ans**
- ☐ 1. World Economic Forum (WEF)
 - ☐ 2. United Nations Development Programme (UNDP)
 - ☐ 3. Organisation for Economic Co-operation and Development (OECD)
 - ☒ 4. World Intellectual Foundation (WIF)

Q.54 In 2026, the Department of Biotechnology advanced its focus on establishing specialised "Biofoundries". What is the main purpose of a Biofoundry?

- Ans**
- ☐ 1. Forging heavy metallurgical alloys for bioreactor tanks
 - ☒ 2. Automating the Design-Build-Test-Learn cycle for engineering biological systems
 - ☐ 3. Generating industrial electricity by burning agricultural waste
 - ☐ 4. Cryogenically storing tissue samples of endangered wildlife

Q.55 After the 2015 revision of national income estimates, how does the Central Statistics Office (CSO) present India's output measures?

- Ans**
- ☐ 1. By presenting Gross Value Added at Market Prices and Gross Domestic Product at Factor Cost
 - ☒ 2. By presenting Gross Domestic Product at Market Prices and Gross Value Added at Basic Prices
 - ☐ 3. By presenting Gross Domestic Product at Factor Cost and Gross Value Added at Market Prices
 - ☐ 4. By presenting Gross Domestic Product at Basic Prices and Gross Value Added at Factor Cost

Q.56 Which combination best demonstrates the importance of the Brahadeshwar temple in the development of ancient Indian temple architecture?

- Ans**
- ☒ 1. Chola patronage, great height and extraordinary architectural character
 - ☐ 2. Chola patronage, Kanchi location and pinnacle-based temple design
 - ☐ 3. Pallava patronage, flat structure and circumambulatory temple design
 - ☐ 4. Pallava patronage, Tanjavar location and extraordinary temple height

Q.57 નીચેનામાંથી કઈ પરિસ્થિતિમાં ભારતના રાષ્ટ્રપતિ વડા પ્રધાનની નિમણૂક કરવામાં વિવેકાધિકાર (discretion)નો ઉપયોગ કરે છે?

- Ans**
- ☐ 1. વડા પ્રધાન નીતિગત નિર્ણયોની સલાહ આપે ત્યારે
 - ☐ 2. મંત્રીમંડળ નિર્ણયો પર સંમત હોય ત્યારે
 - ☐ 3. સંસદ સંપૂર્ણ બહુમતીથી વિધેયકો પસાર કરે ત્યારે
 - ☒ 4. લોકસભામાં કોઈ પક્ષ પાસે સ્પષ્ટ બહુમતી ન હોય ત્યારે

Q.58 The Gujarat (Supplementary) Appropriation Act, 2026, was enacted to provide:

- Ans**
- ☐ 1. New courts
 - ☐ 2. New districts
 - ☐ 3. New taxes
 - ☒ 4. Additional funds

Q.59 In a move to honour the freedom struggle, the Gujarat government in 2026 granted ₹ 3.36 crore for the restoration of the historic Gandhi Ashram at which location?

- Ans
- ☐ 1. Dandi
 - ☒ 2. Godhra
 - ☐ 3. Anand
 - ☐ 4. Bardoli

Q.60 વિચરતી પશુપાલન (nomadic herding) ની સરખામણીમાં, વ્યાપારી પશુધન ઉછેર એ નીચેનામાંથી કઈ લાક્ષણિકતા ધરાવે છે?

- Ans
- ☐ 1. સ્થળાંતરિત, અનૌપચારિક અને વધુ જમીનનો ઉપયોગ કરતું
 - ☐ 2. સ્થાનિક, બજાર-લક્ષી ન હોય તેવું અને ઓછી કિંમતનું
 - ☐ 3. નિર્વાહલક્ષી, પરંપરાગત અને શ્રમલક્ષી (labour-intensive)
 - ☒ 4. વ્યવસ્થિત, વૈજ્ઞાનિક અને મૂડીલક્ષી (capital-intensive)

Section : Quantitative Aptitude

Q.61 Two pipes can fill a tank in 24 minutes and 36 minutes, respectively. If both are opened together, after how much time (in minutes) should the first pipe be closed so that the tank is filled in exactly 18 minutes?

- Ans
- ☒ 1. 12
 - ☐ 2. 6
 - ☐ 3. 9
 - ☐ 4. 15

Q.62 If the sum is ₹2,000, the rate is 5% per annum, and the time is 3 years, what is the simple interest?

- Ans
- ☐ 1. ₹250
 - ☐ 2. ₹600
 - ☐ 3. ₹150
 - ☒ 4. ₹300

Q.63 A fruit seller buys oranges for ₹150 and sells them at a loss of 12%. What is his loss amount?

- Ans
- ☒ 1. ₹18
 - ☐ 2. ₹25
 - ☐ 3. ₹15
 - ☐ 4. ₹12

Q.64 A working professional spends exactly 60% of his monthly income on household expenses and savings combined, while the remaining portion is spent on personal entertainment. Over the next year, his monthly income increases by 25% and his expenditure on personal entertainment increases by 10%. What is the percentage increase in his expenditure on household expenses and savings combined?

- Ans
- ☒ 1. 35%
 - ☐ 2. 20%
 - ☐ 3. 25%
 - ☐ 4. 30%

Q.65 A number is multiplied by 7 and the result is 455. Which of these must be a prime factor of the original number?

- Ans
- ☐ 1. 7
 - ☐ 2. 17
 - ☒ 3. 13
 - ☐ 4. 29

Q.66 A tank has a capacity of 100 litres. If a pipe can fill 20 litres in 2 hours, how many hours are required to fill the tank?

- Ans**
- ☐ 1. 8 hours
 - ☐ 2. 15 hours
 - ☒ 3. 10 hours
 - ☐ 4. 12 hours

Q.67 Using Heron's formula, find the area of a triangle with sides 18 cm, 20.5 cm, and 23.5 cm (rounded off to the nearest integer value).

- Ans**
- ☐ 1. 172 square cm
 - ☒ 2. 178 square cm
 - ☐ 3. 174 square cm
 - ☐ 4. 176 square cm

Q.68 Which transaction results in a higher gain: (A) Paying for 12 notebooks and receiving 13 notebooks, or (B) Paying for 20 notebooks and receiving 21 notebooks?

- Ans**
- ☐ 1. Neither results in a gain
 - ☒ 2. Transaction A
 - ☐ 3. Transaction B
 - ☐ 4. Both result in equal gain

Q.69 Find the mode of the following data: 3, 5, 7, 5, 9, 5, 11.

- Ans**
- ☐ 1. 3
 - ☐ 2. 9
 - ☐ 3. 7
 - ☒ 4. 5

Q.70 If $13\sin A = 5$ and A is an acute angle, what is the value of $12\tan A$?

- Ans**
- ☒ 1. 5
 - ☐ 2. 6
 - ☐ 3. 15
 - ☐ 4. 12

Q.71 A container contains juice and water in the ratio 9:5. If 24 liters of water is added to the mixture, the ratio of juice to water becomes 9:8. What was the original quantity of water in the container?

- Ans**
- ☒ 1. 40 liters
 - ☐ 2. 50 liters
 - ☐ 3. 35 liters
 - ☐ 4. 45 liters

Q.72 For what value of the negative integer (k) does the quadratic equation $3x^2 + kx + 12 = 0$ have equal real roots?

- Ans**
- ☐ 1. -9
 - ☒ 2. -12
 - ☐ 3. -8
 - ☐ 4. -14

Q.73 Find the fourth proportional to 9, 15, and 18.

- Ans**
- ☐ 1. 15
 - ☐ 2. 20
 - ☒ 3. 30
 - ☐ 4. 12

Q.74 Pipe A fills a tank in 8 hours. After 2 hours, Pipe B is opened and together they fill the remaining tank in 3 hours. How much time will Pipe B alone take to fill the tank?

- Ans
- ☐ 1. 6 hours
 - ☐ 2. 10 hours
 - ☒ 3. 8 hours
 - ☐ 4. 12 hours

Q.75 Which of the following points lies on the x-axis in the Cartesian coordinate system?

- Ans
- ☐ 1. (0, -3)
 - ☐ 2. (0, 4)
 - ☐ 3. (3, 2)
 - ☒ 4. (5, 0)

Q.76 An ice cream cone has a radius of 7 cm and a height of 12 cm. What is the volume of the cone in cubic centimeters?

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

- Ans
- ☐ 1. 308
 - ☐ 2. 672
 - ☒ 3. 616
 - ☐ 4. 1848

Q.77 A student walks to school at 4 km/h and returns home by cycling at 12 km/h. If the total distance between home and school is 9 km, what is the average speed for the whole journey?

- Ans
- ☒ 1. 6 km/h
 - ☐ 2. 8 km/h
 - ☐ 3. 7 km/h
 - ☐ 4. 9 km/h

Q.78 A water vessel in the shape of an inverted cone has radius 3 m and height 8 m and is completely filled with water. Four identical solid spheres are immersed, causing one-fourth of the water to overflow. What is the volume of each sphere?

- Ans
- ☒ 1. $1.5\pi \text{ m}^3$
 - ☐ 2. $4.3\pi \text{ m}^3$
 - ☐ 3. $2.5\pi \text{ m}^3$
 - ☐ 4. $8\pi \text{ m}^3$

Q.79 Meera buys two calculators for ₹200 and ₹300, respectively. She sells the first at a 20% profit and the second at a 10% loss. What is her overall profit or loss in the transaction?

- Ans
- ☐ 1. ₹30 profit
 - ☒ 2. ₹10 profit
 - ☐ 3. ₹40 loss
 - ☐ 4. No profit, no loss

Q.80 Determine the nature of the roots of the quadratic equation $3x^2 + 4x + 5 = 0$.

- Ans
- ☐ 1. One real root and other not real
 - ☒ 2. No real roots
 - ☐ 3. Real and distinct roots
 - ☐ 4. Real and equal roots

Q.81 The present age of a mother is three times that of her daughter. In six years from now, the mother's age will be twice that of her daughter. What is the daughter's present age?

- Ans**
- ☐ 1. 10 years
 - ☐ 2. 12 years
 - ☒ 3. 6 years
 - ☐ 4. 8 years

Q.82 A student deposits ₹20,000 in a fixed deposit plan that offers a compound interest rate of 10% per annum compounded annually. What is the total compound interest earned by the student at the end of 2 years?

- Ans**
- ☐ 1. ₹3,800
 - ☒ 2. ₹4,200
 - ☐ 3. ₹2,000
 - ☐ 4. ₹4,000

Q.83 A car travels at 40 km/h for 2 hours and then at 60 km/h for 1 hour. What is the total distance covered?

- Ans**
- ☐ 1. 120 km
 - ☒ 2. 140 km
 - ☐ 3. 100 km
 - ☐ 4. 180 km

Q.84 The population of a town increased from 20,000 to 24,000 in one year. What was the percentage increase in the population?

- Ans**
- ☐ 1. 18%
 - ☐ 2. 25%
 - ☐ 3. 15%
 - ☒ 4. 20%

Q.85 The difference between compound interest (compounded annually) and simple interest on a sum for 2 years at 10% per annum is ₹36. What is the principal sum?

- Ans**
- ☒ 1. ₹3,600
 - ☐ 2. ₹4,600
 - ☐ 3. ₹4,000
 - ☐ 4. ₹3,000

Q.86 A vertical tower casts a shadow that is 40 meters longer when the sun's altitude is 30° compared to when it is 60° . What is the height of the tower?

- Ans**
- ☐ 1. $40\sqrt{3}$ m
 - ☒ 2. $20\sqrt{3}$ m
 - ☐ 3. 20 m
 - ☐ 4. 40 m

Q.87 A recipe requires 5 cups of flour to make 10 cookies. How many cups of flour are needed to make 25 cookies, using the same recipe?

- Ans**
- ☒ 1. 12.5 cups
 - ☐ 2. 7.5 cups
 - ☐ 3. 10 cups
 - ☐ 4. 15 cups

Q.88 Two coprime numbers have a product of 323. What are these numbers?

- Ans**
- ☐ 1. 15 and 21
 - ☒ 2. 17 and 19
 - ☐ 3. 17 and 18
 - ☐ 4. 16 and 20

Q.89 A runner completes 3 laps of a 400 meter track in 6 minutes. What is the average speed of the runner?

- Ans**
- ☐ 1. 24 km/h
 - ☐ 2. 6 km/h
 - ☐ 3. 2 km/h
 - ☒ 4. 12 km/h

Q.90 A data set has a mean of 20 and a mode of 14. What is the median based on the empirical relation?

- Ans**
- ☐ 1. 22
 - ☒ 2. 18
 - ☐ 3. 20
 - ☐ 4. 16

Section : Reasoning

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

Q. How is R related to S?

Statement I: S is the sister of T. R is the only son of T and U.

Statement II: R is the youngest child of T. T is the brother of S.

- Ans**
- ☒ 1. Both statements I and II together (and not statement I alone or statement II alone) are 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 are NOT sufficient to answer the question.

Q.92 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.

In a certain code language, what is the code for 'river'?

(I) 'river flows fast' is coded as 'ja ma ne'. 'ocean flows deep' is coded as 'pa ma re'.

'river is deep' is coded as 'ja se re'.

(II) 'mountain river valley' is coded as 'ja ka la'. 'valley ocean peak' is coded as 'la pa wa'.

- 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.93 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. Moon
2. Earth
3. Venus
4. Sun

Ans  1. 1, 2, 4, 3

 2. 2, 1, 4, 3

 3. 3, 1, 2, 4

 4. 2, 4, 1, 3

Q.94 C, L, S, T and W each have different marks. Only one person has scored between C and S. Only three people have scored between L and C. T has scored immediately more than C.

How many people have scored less than W?

Ans  1. Two

 2. Four

 3. One

 4. Three

Q.95 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. Chair
2. Table
3. Desk
4. Sofa

Ans  1. 1, 3, 4, 2

 2. 1, 4, 3, 2

 3. 3, 1, 4, 2

 4. 1, 2, 3, 4

Q.96 HFGU is related to LJKY in a certain way based on the English alphabetical order. In the same way, XIPF is related to BMTJ. To which of the following is HXKD related, following the same logic?

Ans  1. KCPN

 2. JFSR

 3. LBOH

 4. NAQP

Q.97 This question is based on the five numbers given below.

(Left) 843 6732 7054 211 214 (Right)

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

If 1 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. Three

 2. One

 3. Two

 4. Four

Q.98 In a row of students facing north, Arvind's position is 16th from the left end and Kavita's position is 14th from the right end. After interchanging their positions mutually, Arvind's new position is 22nd from the left end. Find the total number of students present in that row.

- Ans** ☒ 1. 35
☐ 2. 33
☐ 3. 34
☐ 4. 32

Q.99 Refer to the following letter series and answer the question. Counting to be done from left to right.
(Left) X E A H F P U R A I P R U D Q Y U X J R K O E I J C (Right)
How many such vowels are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?

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

Q.100 Seven boxes, L, O, R, U, X, Y and Z, are kept one over the other, but not necessarily in the same order. Only X is kept above Z. Only Y is kept between Z and L. Only O is kept below U. How many boxes are kept between R and Z?

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

Q.101 In a certain code language, 'CHAM' is coded as '5261' and 'MARC' is coded as '2576'. What is the code for 'R' in the given code language?

- Ans** ☐ 1. 6
☐ 2. 5
☒ 3. 7
☐ 4. 2

Q.102 Refer to the following letter series and answer the question. Counting to be done from left to right.
(Left) I E I L Y A G V Z G E W O P X Z E M L K D F N X G P (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. One
☐ 2. Two
☒ 3. Four
☐ 4. Three

Q.103 Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

IU - KW - MY
VQ - XS - ZU

- Ans** ☐ 1. LV - JT - HR
☒ 2. CW - EY - GA
☐ 3. ZA - XY - VW
☐ 4. ZU - XS - VQ

Q.104 There are 8 persons in a family B, E, H, L, P, S, V and X. B is the wife of E. H is the daughter of B. L is the husband of H. P is the son of H. S is the brother of H. V is the daughter of L. X is the sister of P. Fill in the following blank. B is the _____ of L.

- Ans
- ☐ 1. Husband's mother
 - ☐ 2. Mother's mother
 - ☐ 3. Father's mother
 - ☒ 4. Wife's mother

Q.105 What should come in place of the '?' in the given series, based on the English alphabetical order?

VNS RJO NFK JBG FXC ?

- Ans
- ☐ 1. BTZ
 - ☒ 2. BTY
 - ☐ 3. CTY
 - ☐ 4. BSY

Q.106 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. NO-SJ
 - ☐ 2. LK-QF
 - ☐ 3. OK-TF
 - ☒ 4. YW-FQ

Q.107 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 operations on the second number result in the third number and so on. Which of the given options follows the same set of operations as in 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)

36 – 18 – 14 – 7 ; 40 – 20 – 16 – 8

- Ans
- ☒ 1. 32 – 16 – 12 – 6
 - ☐ 2. 50 – 28 – 22 – 11
 - ☐ 3. 44 – 22 – 18 – 8
 - ☐ 4. 28 – 14 – 8 – 4

Q.108 Each letter in the word PIGMENT is arranged in 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. Five
 - ☐ 2. Three
 - ☐ 3. Four
 - ☒ 4. Two

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.

N & 3 7 9 4 \$ 8 + # ? 2 5 ! @

u
m
b
e
r/
s
y
m
b
ol

C Y P A T E N G S J Z L W X R

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.

@ 4 & \$ 8

Ans  1. TEYNR
 2. GEYNP
 3. GEYNR
 4. GAYNR

Q.110 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. GHL
 2. OPS
 3. JKN
 4. DEH

Q.111 Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) C W X L P N R M Y R U I K W L Z D I Q H C B H I K T D I J T T H G (Right)

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

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

Q.112 Each letter in the word SPLURGE is arranged in 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. None
 - ☐ 2. One
 - ☐ 3. Three
 - ☒ 4. Two

Q.113 In a row of 58 people facing north, Kavya is 16th from the right end. Nisha sits twelfth to the left of Kavya. Nisha is sitting ____ from the left end of the line.

- Ans**
- ☐ 1. 33rd
 - ☒ 2. 31st
 - ☐ 3. 32nd
 - ☐ 4. 30th

Q.114 How many meaningful four-letter English words can be formed using the first, third, sixth and seventh letters of the word TEACHER, when counted from left to right, using all the letters but each letter only once in each word?

- Ans**
- ☐ 1. None
 - ☒ 2. More than two
 - ☐ 3. Two
 - ☐ 4. One

Q.115 116 is related to 61 following a certain logic. Following the same logic, 100 is related to 45. To which of the following is 92 related, 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. 47
 - ☒ 2. 37
 - ☐ 3. 42
 - ☐ 4. 32

Q.116 Each letter in the word NOETICAL 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' position will not change in the group of letters thus formed as compared to the original word?

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

Q.117 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
WKS 19, AOW 23, ESA 27, IWE 31, ?

- Ans**
- ☐ 1. LAJ 36
 - ☒ 2. MAI 35
 - ☐ 3. MBI 36
 - ☐ 4. MAJ 35

Q.118 Choose the option in which all the details of the given name and address are correctly reproduced.

Dr. Christopher J. Worthington, Suite 4, Level 12, Macquarie Tower, 1 Farrer Place, Sydney, New South Wales, Australia – 2000

- Ans**
- ☐ 1. Dr. Christopher J. Worthington, Suite 4, Level 12, Macquaire Tower, 1 Farrer Place, Sydney, New South Wales, Australia – 2000
 - ☒ 2. Dr. Christopher J. Worthington, Suite 4, Level 12, Macquarie Tower, 1 Farrer Place, Sydney, New South Wales, Australia – 2000
 - ☐ 3. Dr. Christopher J. Worthington, Suite 4, Level 12, Macquarie Tower, 1 Farrer Place, Sydeny, New South Wales, Australia – 2000
 - ☐ 4. Dr. Christopher J. Worthington, Suite 4, Level 12, Macquarie Tower, 1 Farrer Place, Sydney, New South Wales, Austrailia – 2000

Q.119 Each of S, T, U, V, W, X and Y has an exam on a different day of the week, starting from Monday and ending on Sunday of the same week.
S has an exam on Thursday. Only one person has an exam between S and X. U has an exam on the day immediately before X but not on Monday. Only two people have exams between U and W. Y's exam is on one of the days before V but on one of the days after T. On which day does Y have an exam?

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

Q.120 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. King
- 2. Queen
- 3. Jack
- 4. Ace

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

Q.121 In a certain code language,
A + B means 'A is the wife of B'
A – B means 'A is the sister of B'
A x B means 'A is the mother of B'
A ÷ B means 'A is the brother of B'
Based on the above, how is P related to T if 'P x Q ÷ R – S + T'?

- Ans**
- ☐ 1. Mother's mother
 - ☐ 2. Father's mother
 - ☐ 3. Sister
 - ☒ 4. Wife's mother

Q.122 This question is based on the five, three-digit numbers given below.
(Left) 536 845 361 524 693 (Right)
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
If 1 is added to first digit of every number, in how many numbers will the new first digit be exactly divisible by the second digit?

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

Q.123 A question is given, 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 most appropriate answer.

Question:

Who is the oldest among P, Q, R, S and T?

Statements:

(I) P is older than Q. S is older than P.

(II) R is older than Q. T is older than 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.124 If 1 February 2005 was a Tuesday, then what day of the week was 1 February 2016?

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

Q.125 If 12 August 2021 is Thursday, then what will be the day of the week on 28 February 2009?

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

Q.126 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:

Is the month of February in year "Z" exactly 29 days long?

Statement I: Year "Z" is exactly divisible by 4.

Statement II: Year "Z" is exactly divisible by 100 but not by 400

- Ans**
- ☐ 1. Data in statement I alone is sufficient to answer the question while data in statement II is not
 - ☐ 2. Data in both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question
 - ☐ 3. Data in both statements I and II together are NOT 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.127 Refer to the following number, symbol series and answer the question. Counting to be done from left to right only.

(Left) 4 @ 3 \$ 7 & 6 # ^ 2 * 5 % 1 £ 8 (Right)

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

- Ans**
- ☐ 1. None
 - ☒ 2. One
 - ☐ 3. Two
 - ☐ 4. More than two

Q.128 There are 8 persons in a family Bharat, Devi, Ganesh, Isha, Karan, Meera, Rajesh and Tara. Rajesh is the husband of Meera. Karan is the son of Rajesh. Tara is the daughter of Meera. Bharat is the husband of Tara. Ganesh is the son of Tara. Isha is the daughter of Bharat. Devi is the wife of Karan. How is Ganesh related to Rajesh?

Ans ☒ 1. Daughter's son

☐ 2. Brother's son

☐ 3. Son's son

☐ 4. Son

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

Q. Four people, P, Q, R and S, 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 4?

Statement I: S lives on floor 3, and R lives immediately above S.

Statement II: Q lives immediately below P, and R lives above Q.

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

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

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

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

Q.130 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$16 \times 4 + 3 \div 3 - 8 = ?$$

Ans ☐ 1. 1

☒ 2. 3

☐ 3. 9

☐ 4. 7

Q.131 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:

In which direction is point X with respect to point Y?

Statement I: The shortest distance between point X and point Y is 20 meters.

Statement II: A person walks 10 meters south from point Y to reach point Z, then walks directly west to reach point X.

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

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

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

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

Q.132 Refer to the following letter series and answer the question. Counting to be done from left to right.

(Left) P U E Y N A E L Q E I H T Q A E I Z I A D C M D G B (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. Six

☒ 2. Five

☐ 3. Four

☐ 4. Three

Q.133 Each of the digits in the number 3714685 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

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

Q.134 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Year
2. Day
3. Hour
4. Second
5. Minute

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

Q.135 In a semester exam, six students Arjun, Diksha, Harsh, Komal, Nikhil and Seema each scored different marks. Diksha scored more than Arjun. Harsh scored more than Diksha. Komal scored less than Arjun. Nikhil scored less than Komal. Seema scored more than Harsh. How many students scored less than Diksha?

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

Q.136 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. In which direction is point A with respect to point B?

Statement I: Point A is 10 meters north of point C, and point C is 5 meters east of point B.

Statement II: The distance between point A and point B is exactly 15 meters.

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

Q.137 Which of the following options is the closest approximate value which will come in place of the question mark(?) in the following equation?

$$64.99 - 25.02 + 9.05 \times 6.99 = ?$$

- Ans**
- ☒ 1. 103
 - ☐ 2. 88
 - ☐ 3. 130
 - ☐ 4. 118

Q.138 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. How is P related to R?

Statement I: R is the mother of S. P is the only brother of S.

Statement II: S is the sister of P. P is the eldest child of R.

Ans ☒ 1. Both statements I and II together (and not statement I alone or statement II alone) are 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 are NOT sufficient to answer the question.

Q.139 Seven people - B, J, L, K, V, W and Z are sitting in a row, facing North. Only Z sits to the left of B. Only four people sit between Z and J. Only L sits between K and V and K is not an immediate neighbor of J. How many people sit to the right of J?

Ans ☒ 1. 3

☒ 2. 2

☒ 3. 1

☒ 4. 4

Q.140 If '+' means '-', '-' means 'x', 'x' means '÷' and '÷' means '+', then what will come in place of the question mark (?) in the following equation?

$$8 \times 2 + 3 - 4 \div 10 = ?$$

Ans ☒ 1. 2

☒ 2. 11

☒ 3. 5

☒ 4. 14

Q.141 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, number 2 and so on till the topmost floor is numbered 6. Only two people live between S and A. Only two people live between B and Q. Only one person lives between C and Q. C lives on floor numbered 1. S lives above Q. How many people live above T?

Ans ☒ 1. Two

☒ 2. Four

☒ 3. One

☒ 4. Three

Q.142 Mr. Beik starts from Point A and drives 12 km towards the South. He then takes a left turn, drives 21 km, then turns left and drives 21 km. He then takes a left turn and drives 29 km. He takes a final left turn, drives 9 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. 8 km to the east

☒ 2. 6 km to the west

☒ 3. 6 km to the east

☒ 4. 8 km to the west

Q.143 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 1 & 3 6 # + @ 7 ! 5

Codes GMQTHVK PRD

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.

7 + # 3 6

Ans  1. P V H Q ©

 2. P V H Q T

 3. © V H Q ©

 4. © V Q H ©

Q.144 What should come in place of the '?' in the given series?

135 123 112 102 93 ?

Ans  1. 84

 2. 85

 3. 88

 4. 82

Q.145 A, B, C, D, P, Q and R are sitting around a circular table facing the centre. A sits third to the left of R. Only two people sit between A and C. D sits to the immediate left of Q. Q is not an immediate neighbour of R. B is not an immediate neighbour of A. How many people sit between P and Q when counted from the left of P?

Ans  1. Two

 2. None

 3. One

 4. Four

Q.146 Town W is to the south of Town X. Town Y is to the east of Town X. Town V is to the west of Town Y. Town U is to the north of Town V. Town W is to the south-east of Town U. What is the position of Town X with respect to Town V?

Ans  1. West

 2. North

 3. East

 4. South

Q.147 Five friends Chetan, Geeta, Lalit, Pooja and Vikram have different ages. Vikram is older than Lalit. Lalit is older than Chetan. Geeta is older than Vikram. Pooja is younger than Chetan. Fill in the following blank. _____ is the second oldest person in this group.

Ans  1. Geeta

 2. Chetan

 3. Lalit

 4. Vikram

Q.148 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 seeds are crops. All crops are plants.

Conclusion (I) : Some seeds are plants.

Conclusion (II) : All plants are crops.

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

Q.149 This question is based on the following words

NOTE DOG BOOK IRON

How many letters are there between first letter of first word from the left and third letter of first word from the right as per English alphabetical order?

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

Q.150 An accurate clock shows 4:18 am. By how many degrees will the hour hand rotate when the clock shows 11:06 am on the same day?

- Ans**
- ☐ 1. 192°
 - ☐ 2. 186°
 - ☐ 3. 198°
 - ☒ 4. 204°