

GSSSB CBRT Adv 378 CCE 2026

Test Date	27/09/2026
Test Time	1:00 PM - 3:00 PM
Subject	378 Combined Competitive Examination

Section : English

Q.1 Select the most appropriate article to fill in the blank. If no article is needed, select 'No article required'.
The scientist explained ____ theory of relativity to the students.

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

Q.2 In the following question, a segment has been given in highlighted text. You are required to replace the segment with the correct word given in the options.
She went to a place for treatment to consult a specialist for a cure for diabetes.

- Ans**
- ☒ 1. the hospital
 - ☐ 2. the school
 - ☐ 3. the museum
 - ☐ 4. the theatre

Q.3 The students sat in a row.

Here the word row means 'a line'. Which among the options is its other meaning?

- Ans**
- ☐ 1. A food ingredient
 - ☐ 2. A part of speech
 - ☒ 3. To paddle a boat
 - ☐ 4. A math operation

Q.4 Select the correct active voice sentence.
The national anthem was sung by the choir at the beginning of the event.

- Ans**
- ☐ 1. The choir has sung the national anthem at the beginning of the event.
 - ☒ 2. The choir sang the national anthem at the beginning of the event.
 - ☐ 3. The choir sings the national anthem at the beginning of the event.
 - ☐ 4. The choir had sung the national anthem at the beginning of the event.

Q.5 "We should protect the environment." નો સાચો ગુજરાતી અનુવાદ કયો છે?

- Ans**
- ☐ 1. આપણે માત્ર વૃક્ષો કાપવા જોઈએ.
 - ☒ 2. આપણે પર્યાવરણનું રક્ષણ કરવું જોઈએ.
 - ☐ 3. આપણે પર્યાવરણને અવગણવું જોઈએ.
 - ☐ 4. આપણે પર્યાવરણનો નાશ કરવો જોઈએ.

Q.6 Following are the jumbled segments of a sentence. The first segment is fixed; rearrange the other segments to form a coherent sentence.
Over the last few decades,
A. has changed drastically
B. the world
C. in terms of communication
D. and technology

Ans ☒ 1. BACD

☐ 2. ADBC

☐ 3. DBCA

☐ 4. CADB

Q.7 Select the most appropriate idiom to substitute the highlighted segment in the given sentence:

He's avoiding the real issue and talking about unrelated things.

Ans ☐ 1. burning the candle at both ends

☒ 2. beating around the bush

☐ 3. walking on eggshells

☐ 4. barking up the wrong tree

Q.8 Select the most appropriate synonym of the highlighted word in the given sentence.

He gave a **candid** account of the incident, revealing every detail.

Ans ☐ 1. impressive

☐ 2. appealing

☒ 3. honest

☐ 4. evasive

Q.9 In the given sentence, the underlined part contains an error. Choose the option that best replaces the underlined part to make the sentence grammatically correct.

If she was knowing the answer, she would have told us.

Ans ☐ 1. is knowing

☐ 2. has known

☒ 3. had known

☐ 4. was known

Q.10 Convert the following compound sentence into a complex sentence.
She was tired, so she went to bed early.

Ans ☐ 1. She went to bed early and she was tired.

☒ 2. She went to bed early because she was tired.

☐ 3. She went to bed early or she was tired.

☐ 4. She went to bed early but she was tired.

Q.11 Select the appropriate form of present tense to fill in the blank.

The judges _____ the result.

Ans ☐ 1. announcing

☒ 2. have announced

☐ 3. will announce

☐ 4. announces

Q.12 Select the most appropriate option to fill in the blank.

The supervisor told the new employee that she _____ familiarise herself with the company's code of conduct before her first client interaction.

- Ans
- ✓ 1. ought to
 - ✓ 2. must
 - ✗ 3. had
 - ✗ 4. would have to

Note: For this question, ambiguity is found in question/answer. Candidate will get full marks for this question if any of these options are chosen - 1,2

Q.13 Select the correct one-word substitution for "a long, aggressive, and critical speech delivered to a large assembly or a large audience."

- Ans
- ✗ 1. Dialogue
 - ✓ 2. Harangue
 - ✗ 3. Lecture
 - ✗ 4. Sermon

Q.14 Write the given sentence in the past continuous tense:
She sings beautifully at the concert.

- Ans
- ✗ 1. She is singing beautifully at the concert.
 - ✗ 2. She sang beautifully at the concert.
 - ✓ 3. She was singing beautifully at the concert.
 - ✗ 4. She had sung beautifully at the concert.

Q.15 Select the most appropriate pronoun to fill in the blank.

Sheethal said that she would support me _____ my decision may be.

- Ans
- ✗ 1. whichever
 - ✗ 2. whoever
 - ✓ 3. whatever
 - ✗ 4. wherever

Section : Gujarati

Q.16 'રગશિયું ગાડું' રૂઢિપ્રયોગનો અર્થ શું થાય?

- Ans
- ✗ 1. ઝડપથી કાર્ય થવું.
 - ✓ 2. ધીમે ધીમે ઢસડાતું થતું કામ.
 - ✗ 3. મોટો લાભ થવો.
 - ✗ 4. કામ સંપૂર્ણ બંધ થઈ જવું.

Q.17 'અરજ' શબ્દનો સમાનાર્થી શબ્દ શોધો.

- Ans
- ✓ 1. વિનંતી
 - ✗ 2. આદેશ
 - ✗ 3. ઠપકો
 - ✗ 4. આજ્ઞા

Q.18 "સંભાવના" શબ્દનો સાચો અંગ્રેજી શબ્દ કયો છે?

- Ans
- ✗ 1. Impossible
 - ✗ 2. Reality
 - ✗ 3. Certainty
 - ✓ 4. Probability

Q.19 'ચોમાસુ' શબ્દનો સમાસ ઓળખાવો.

- Ans
- ☒ 1. તત્પુરુષ
 - ☒ 2. દ્વિગુ
 - ☒ 3. બહુવ્રીહિ
 - ☒ 4. કર્મધારય

Q.20 નીચે આપેલ વાક્યોમાંથી ભાષાશુદ્ધિની દૃષ્ટિએ સાચું વાક્ય ઓળખાવો.

- Ans
- ☒ 1. આપણી આસપાસ સ્વચ્છતા રાખવાથી ગંભીર બીમારીઓથી બચી શકાઈ છે.
 - ☒ 2. આપણા આસપાસ સ્વચ્છતા રાખવાથી ગંભીર બીમારીઓથી બચી શકાય છે.
 - ☒ 3. આપણી આસપાસ સ્વચ્છતા રાખવાથી ગંભીર બીમારીઓથી બચી શકાય છે.
 - ☒ 4. આપણી આસપાસ સ્વચ્છતા રાખવાથી ગંભીર બિમારીઓથી બચી શકાય છે.

Q.21 અલંકાર ઓળખાવો: દૃષ્ટિની દૃષ્ટિ પડતાં જ ડુંગરો ઓગળી ગયા.

- Ans
- ☒ 1. ઉપમા અલંકાર
 - ☒ 2. અતિશયોક્તિ અલંકાર
 - ☒ 3. વ્યાજસ્તુતિ અલંકાર
 - ☒ 4. રૂપક અલંકાર

Q.22 નીચેનામાંથી સર્વનામ સાથે વિભક્તિનો ઉપયોગ થયો હોય તેવું વાક્ય શોધો:

- Ans
- ☒ 1. ભારે પથ્થર ખસેડવા ચાર માણસો જોઈશે.
 - ☒ 2. શાથી આ અચાનક મોટું નુકસાન થઈ ગયું?
 - ☒ 3. સાયકલ મોટા ઝાડ ની પાછળ મૂકેલી છે.
 - ☒ 4. તીક્ષ્ણ કાતર વડે કાગળ કાપે છે.

Q.23 'ષો' અક્ષરમાં 'ષ્' સાથે કયો સ્વર જોડાયો છે?

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

Q.24 જાગ્યાં પ્રેમી વિરલ સુખની મોહનિદ્રા મહીથી : આપેલ પંક્તિનો છંદ ઓળખાવો.

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

Q.25 'મૃગપતિ' શબ્દનો સમાનાર્થી શબ્દ શોધો.

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

Q.26 સૌથી છેલ્લો શબ્દ કયો આવશે?

- Ans
- ☒ 1. હવામાન
 - ☒ 2. હસવું
 - ☒ 3. હરણ
 - ☒ 4. હજામ

Q.27 આ સાથે આપેલ ગુજરાતી વાક્યનો યોગ્ય અંગ્રેજી અનુવાદ ઓળખાવો : તે ગણિત શીખે છે.

- Ans
- ☒ 1. He learn math.
 - ☒ 2. He learns math.
 - ☒ 3. Him learns math.
 - ☒ 4. He learning math.

Q.28 'પ, ફ, બ, ભ, મ' ધ્વનિઓ ઉચ્ચારતી વખતે કયા અવયવો પરસ્પર જોડાય છે?

- Ans
- ☒ 1. બંને હોઠ - ઓષ્ઠ્ય
 - ☒ 2. જીભ અને દાંત
 - ☒ 3. જીભ અને તાળવું
 - ☒ 4. માત્ર ગળું

Q.29 આપેલ વિકલ્પમાંથી શબ્દસમૂહ માટે એક શબ્દ શોધો : 'મરજી મુજબ ફરવું તે'

- Ans
- ☒ 1. સ્વતંત્ર
 - ☒ 2. પરતંત્ર
 - ☒ 3. સ્વૈરવિહાર
 - ☒ 4. વિશેષ

Q.30 સાચી જોડણીવાળું વાક્ય શોધો:

- Ans
- ☒ 1. દીનદુખીયાની સેવા કરવી એ જ સાચો ધર્મ છે.
 - ☒ 2. દિનદુખીયાની સેવા કરવી એ જ સાચો ધર્મ છે.
 - ☒ 3. દિનદુખિયાની સેવા કરવી એ જ સાચો ધર્મ છે.
 - ☒ 4. દીનદુખિયાની સેવા કરવી એ જ સાચો ધર્મ છે.

Section : General Awareness and Current Affairs

Q.31 In May 2026, the Defence Research & Development Organisation (DRDO) completed the final deliverable configuration development trials of which of the following in Air-to-Ground and Air-to-Air modes at the DRDO test range near Kurnool, Andhra Pradesh?

- Ans
- ☒ 1. Unmanned Aerial Vehicle Launched Precision Guided Missile (ULPGM)-V3
 - ☒ 2. Unmanned Aerial Vehicle Deployed Multi-Role Guided Weapon (UAV-MRGW)-V1
 - ☒ 3. Unmanned Aerial Vehicle Based Long-Range Precision Munition (UAV-LRPM)-V4
 - ☒ 4. Unmanned Aerial Vehicle Launched Tactical Strike Munition (ULTSM)-V2

Q.32 For which human spaceflight program did the Indian Space Research Organisation (ISRO) conduct the critical sea level hot test of its CE20 cryogenic engine at an upgraded 22-tonne thrust level in March 2026?

- Ans
- ☒ 1. Project NGLV-Reusable
 - ☒ 2. Gaganyaan Programme
 - ☒ 3. Chandrayaan-4
 - ☒ 4. Shukrayaan Mission

Q.33 Which of the following describes the process by which the Indian government transferred ownership of public enterprises to the private sector after 1991?

- Ans
- ☒ 1. Disinvestment
 - ☒ 2. Exclusive foreign collaborations
 - ☒ 3. Increasing subsidies
 - ☒ 4. Government borrowing

Q.34 Why is the chemical symbol for sodium written as 'Na' instead of 'So' or 'Sd'?

- Ans
- ☐ 1. It is named after the place of discovery
 - ☐ 2. It refers to the color of sodium
 - ☒ 3. It is derived from the Latin name of sodium
 - ☐ 4. It uses the first two letters of the English name

Q.35 Which constitutional amendment added Eleventh Schedule to the Constitution of India covering 29 subjects within the functions of the Panchayats?

- Ans
- ☒ 1. 73rd Amendment
 - ☐ 2. 62nd Amendment
 - ☐ 3. 42nd Amendment
 - ☐ 4. 44th Amendment

Q.36 રાજ્યમાં નગરપાલિકાઓની નાણાકીય સ્થિતિની સમીક્ષા કઈ સંસ્થા કરે છે?

- Ans
- ☐ 1. રાજ્ય ચૂંટણી પંચ
 - ☐ 2. ભારતનું આયોજન પંચ
 - ☐ 3. ભારતનું નાણા પંચ
 - ☒ 4. રાજ્ય નાણાં પંચ

Q.37 ઓટિસ્ટિક પ્રાઇડ ડે 2026 ત્રણ મુખ્ય સ્તંભો પર ધ્યાન કેન્દ્રિત કરે છે. નીચેનામાંથી કયું સંયોજન તે તમામને સાચી રીતે દર્શાવે છે?

- Ans
- ☐ 1. જાગૃતિ, પ્રતિનિધિત્વ અને ભાગીદારી (Awareness, Representation, and Participation)
 - ☐ 2. માન્યતા, સશક્તિકરણ અને જાગૃતિ (Recognition, Empowerment, and Awareness)
 - ☒ 3. માન્યતા, પ્રતિનિધિત્વ અને સુધારણા (Recognition, Representation, and Reform)
 - ☐ 4. સમાવેશીકરણ, સશક્તિકરણ અને સુધારણા (Inclusion, Empowerment, and Reform)

Q.38 જૈન પરંપરા અનુસાર, ભગવાન મહાવીર સુધીની સંપૂર્ણ આધ્યાત્મિક પરંપરામાં કેટલા તીર્થંકરો (આધ્યાત્મિક ગુરુઓ)નો સમાવેશ થાય છે?

- Ans
- ☒ 1. 24
 - ☐ 2. 18
 - ☐ 3. 12
 - ☐ 4. 32

Q.39 નીચેનામાંથી કયું અવલોકન બ્રહ્માંડની ઉત્પત્તિના ખુલાસા તરીકે 'બિગ બેંગ થિયરી' (Big Bang Theory) ને સૌથી વધુ સમર્થન આપે છે?

- Ans
- ☐ 1. પૃથ્વીની સપાટી પર ખંડો સરકી રહ્યા છે.
 - ☒ 2. સમય જતાં આકાશગંગાઓ એકબીજાથી દૂર જઈ રહી છે.
 - ☐ 3. દરેક વીતતા વર્ષ સાથે પૃથ્વી ઝડપથી પરિભ્રમણ કરે છે.
 - ☐ 4. સૂર્ય દરેક સદીમાં સતત વિસ્તરી રહ્યો છે.

Q.40 માર્ચ 2026 માં યોજાયેલા 8મા વાર્ષિક હોકી ઈન્ડિયા એવોર્ડ્સમાં, નીચેનામાંથી કોણ મેન્સ કેટેગરીમાં પ્રતિષ્ઠિત પ્લેયર ઓફ ધ યર એવોર્ડ જીત્યો હતો?

- Ans
- ☐ 1. હરમનપ્રીત સિંહ (Harmanpreet Singh)
 - ☒ 2. હાર્દિક સિંહ (Hardik Singh)
 - ☐ 3. મનપ્રીત સિંહ (Manpreet Singh)
 - ☐ 4. સુખજીત સિંહ (Sukhjeet Singh)

Q.41 In May 2026, India signed a major Joint Declaration of Intent titled "Science, Technology and Innovation Cooperation for the Green Shift". Which nation is India's partner in this eco-innovation pact?

- Ans**
- ☐ 1. France
 - ☒ 2. Norway
 - ☐ 3. Japan
 - ☐ 4. Germany

Q.42 Two objects having different masses are dropped simultaneously from the same height in a vacuum. What will be observed during their fall?

- Ans**
- ☐ 1. Both remain suspended
 - ☐ 2. Heavier object reaches first
 - ☒ 3. Both reach together
 - ☐ 4. Lighter object reaches first

Q.43 પૂણેમાં પ્લેગનો રોગચાળો ફાટી નીકળવાને કારણે સ્થળ બદલાયા બાદ, 28 ડિસેમ્બર 1885ના રોજ 'ઈન્ડિયન નેશનલ કોંગ્રેસ' નું પ્રથમ અધિવેશન અંતે ક્યાં યોજાયું હતું?

- Ans**
- ☐ 1. બોમ્બે પ્રેસિડેન્સી એસોસિએશન હોલ
 - ☐ 2. પાર્વતી ટેકરી, પેશવા બાગ, પુણે
 - ☒ 3. સર ગોકુલદાસ તેજપાલ સંસ્કૃત કોલેજ
 - ☐ 4. કલકત્તા ટાઉન હોલ

Q.44 પૃથ્વીના પોપડામાં ભૂસંચલનજન્ય પ્રવૃત્તિઓ (tectonic activities) દરમિયાન અચાનક મુક્ત થતી ઊર્જા દ્વારા નીચેનામાંથી કઈ કુદરતી આપત્તિ લાક્ષણિક રીતે ઓળખાય છે?

- Ans**
- ☐ 1. દુષ્કાળ
 - ☒ 2. ભૂકંપ
 - ☐ 3. ચક્રવાત
 - ☐ 4. પૂર

Q.45 હડપ્પીય મુદ્રાઓ પર કયા પ્રાણીનું ચિહ્ન (animal motif) સૌથી વધુ જોવા મળે છે?

- Ans**
- ☒ 1. એકશૃંગી પશુ (Unicorn)
 - ☐ 2. ઘોડો (Horse)
 - ☐ 3. ઊંટ (Camel)
 - ☐ 4. હાથી (Elephant)

Q.46 What characteristic of perfect competition prevents any single buyer from affecting the market price?

- Ans**
- ☐ 1. Freedom for firms to enter or exit the market
 - ☐ 2. Perfect knowledge of product quality
 - ☐ 3. Availability of identical products
 - ☒ 4. Presence of numerous buyers in the market

Q.47 At its 29th Anniversary celebration in 2026, BIMSTEC reaffirmed its commitment to:

- Ans**
- ☐ 1. Focusing solely on economic sanctions
 - ☐ 2. Increasing military alliances
 - ☐ 3. Promoting individual national interests
 - ☒ 4. Strengthening regional cooperation

Q.48 The Gujarat SemiConnect Conference 2026 was held at which of the following venues?

- Ans
- ☐ 1. Sabarmati Riverfront, Ahmedabad
 - ☐ 2. GIFT City, Gandhinagar
 - ☐ 3. Vigyan Bhavan, New Delhi
 - ☒ 4. Mahatma Mandir, Gandhinagar

Q.49 ગુજરાતની કઈ હેરિટેજ સાઇટ તાલધ્વજગિરીના યાત્રાધામ સાથે જોડાયેલું છે અને ત્રીસ જેટલી પથ્થર કંડારેલી ગુફાઓ ધરાવે છે?

- Ans
- ☒ 1. તળાજાની ગુફાઓ
 - ☐ 2. ઉપરકોટની ગુફાઓ
 - ☐ 3. બાવા પ્યારાની ગુફાઓ
 - ☐ 4. ખંભાલીડાની ગુફાઓ

Q.50 મહાત્મા ગાંધીએ 1919 માં રોલેટ એક્ટના વિરોધમાં કઈ કાર્યવાહી શરૂ કરવાનો નિર્ણય લીધો હતો?

- Ans
- ☐ 1. બંધારણીય સુધારા ઝુંબેશ
 - ☐ 2. હોમ રૂલ આંદોલન
 - ☒ 3. દેશવ્યાપી સત્યાગ્રહ
 - ☐ 4. ખિલાફત આંદોલન

Q.51 Rob Jetten became the Prime Minister of which European country in February 2026?

- Ans
- ☐ 1. Denmark
 - ☒ 2. Netherlands
 - ☐ 3. Norway
 - ☐ 4. Belgium

Q.52 નીચેનામાંથી કઈ પરિસ્થિતિ ખગોળીય કારણને બદલે આબોહવા પરિવર્તન માટેનું પાર્થિવ (terrestrial) કારણ શ્રેષ્ઠ રીતે દર્શાવે છે?

- Ans
- ☐ 1. અક્ષીય ઝુકાવની વિવિધતા મોસમી સૌર તીવ્રતામાં ફેરફાર કરે છે.
 - ☐ 2. સૂર્યકલંક (Sunspot) ચક્રો પૃથ્વી સુધી પહોંચતી સૌર ઉર્જામાં ફેરફાર કરે છે.
 - ☐ 3. પૃથ્વીની ભ્રમણકક્ષાની વિવિધતા વાર્ષિક સૂર્યપ્રકાશની પેટર્ન બદલે છે.
 - ☒ 4. જ્વાળામુખીના એરોસોલ્સ પૃથ્વી પર આવતા સૂર્યના કિરણોત્સર્ગને ઘટાડે છે.

Q.53 આંતરરાષ્ટ્રીય શ્રમ સંગઠન (International Labour Organization - ILO) દ્વારા પ્રસ્તાવિત 'મૂળભૂત લઘુત્તમ જરૂરિયાત અભિગમ (Basic Minimum Need Approach)' અનુસાર, વિકાસનું મૂલ્યાંકન મુખ્યત્વે નીચેનામાંથી શેની ઉપલબ્ધતા દ્વારા કરવામાં આવે છે?

- Ans
- ☐ 1. જીવનની પસંદગીઓ (life choices) કરવા માટેની વ્યક્તિગત સ્વતંત્રતા
 - ☐ 2. વ્યક્તિગત આવકનું ઉચ્ચત્તર સ્તર (Higher levels)
 - ☒ 3. આવશ્યક ચીજવસ્તુઓ અને જાહેર સેવાઓ
 - ☐ 4. સરકારી કલ્યાણ યોજનાઓનો વિસ્તાર

Q.54 ભારતમાં નીચલી અદાલતો (subordinate courts)નું પ્રાથમિક કાર્ય કયું છે?

- Ans
- ☐ 1. તેઓ જાહેર નીતિઓ ઘડે છે અને સરકારી નિર્ણયોનો અમલ કરે છે.
 - ☐ 2. તેઓ સરકારી નીતિઓનું માળખું તૈયાર કરે છે અને યોજનાઓનો અમલ કરે છે.
 - ☐ 3. તેઓ ચૂંટણીઓ યોજે છે અને મતદાર યાદીઓનું સંચાલન કરે છે.
 - ☒ 4. તેઓ દિવાની અને ફોજદારી પ્રકારના કેસોની વિચારણા કરે છે.

Q.55 ઠંડા પાણીથી ભરેલી બોટલની બહારની સપાટી પર પાણીના નાનાં ટીપાં શા માટે દેખાય છે?

Ans ☒ 1. હવા સીધી જ પ્રવાહી પાણીમાં રૂપાંતરિત થાય છે.

☒ 2.

હવામાંનો જળબાષ્પ ઠંડી સપાટી પર સંઘનન પામે છે.

☒ 3.

બોટલ તેની સપાટી દ્વારા પાણી મુક્ત કરે છે.

☒ 4.

પાણી બોટલની દીવાલમાંથી ધીમે ધીમે લીક થાય છે.

Q.56 કેન્દ્રીય ગૃહમંત્રી અમિત શાહ દ્વારા 'ભારત માતા શિલ્પ' ના અનાવરણ માટે અમદાવાદનું નીચેનામાંથી કયું સ્થળ મે 2026 માં સમાચારમાં હતું?

Ans ☒ 1. નવા વાડજ સર્કલ

☒ 2.

હેલ્મેટ સર્કલ

☒ 3.

ઇસ્કોન સર્કલ

☒ 4.

લાલ દરવાજા

Q.57 પ્રાચીન ભારતમાં કઈ સાહિત્યિક પરંપરાના સંરક્ષણ સાથે મુખ્યત્વે 'પાલી' ભાષા જોડાયેલી છે?

Ans ☒ 1. પ્રારંભિક બૌદ્ધ ઉપદેશો અને શાસ્ત્રો

☒ 2.

વૈદિક સ્તોત્રો અને યજ્ઞ વિધિના ગ્રંથો

☒ 3.

વૈજ્ઞાનિક અને ખગોળશાસ્ત્રીય ગ્રંથો

☒ 4.

રાજદરબારના ઐતહાસિક અભિલેખો અને શિલાલેખો

Q.58 Who among the following was conferred the Ashoka Chakra on the occasion of Republic Day 2026?

Ans ☒ 1. Naib Subedar Doleshwar Subba

☒ 2.

Group Captain Shubhanshu Shukla

☒ 3.

Major Arshdeep Singh

☒ 4.

Group Captain Prashanth Balakrishnan Nair

Q.59 કુચિપુડી (Kuchipudi) નૃત્યની મૂળભૂત મુદ્રા/સ્થિતિની તુલના અવારનવાર ભરતનાટ્યમના 'અરામંડી' (અર્ધ-બેઠક સ્થિતિ) સાથે કરવામાં આવે છે.

કુચિપુડીની નૃત્યસ્થિતિ ભરતનાટ્યમના 'અરામંડી' કરતાં કઈ રીતે જુદી પડે છે?

Ans ☒ 1. તે મુદ્રા અને ઊંડાઈ (depth) બંનેમાં સમાન છે.

☒ 2.

તે આકારમાં સમાન છે પરંતુ તેમાં ઘૂંટણનો ઝુકાવ ઓછો વળેલો હોય છે.

☒ 3.

તે ઘૂંટણ વાળ્યા વિનાની એકદમ ટટ્ટાર (upright) મુદ્રા છે.

☒ 4.

તેમાં પગ વચ્ચે વધુ અંતર (wider stance) અને ઘૂંટણમાંથી વધુ ઊંડો વળાંક હોય છે.

Q.60 એક પ્રદેશમાં પરસ્પર ક્રિયા કરતા તમામ સજીવો અને પર્યાવરણના અજૈવિક ઘટકો સાથે મળીને _____ ની રચના કરે છે.

Ans ☒ 1. જૈવઆરક્ષિત ક્ષેત્ર (Biosphere Reserve)

☒ 2.

નિવસનતંત્ર (Ecosystem)

☒ 3.

નિવાસસ્થાન (વસવાટ)

☒ 4.

જીવપ્રદેશ (Biome)

Q.61 If ₹500 is deposited for 2 years at 5% per annum, compounded annually, what is the compound interest earned?

- Ans ☒ 1. ₹51.25
☐ 2. ₹50
☐ 3. ₹41.25
☐ 4. ₹25.50

Q.62 What is the value of the algebraic expression $\frac{x^2 + 6x + 9}{x + 3}$ at $x = 12$?

- Ans ☒ 1. 15
☐ 2. 18
☐ 3. 12
☐ 4. 21

Q.63 A water tank in the shape of a cylinder has a height of 14 cm and a radius of 7 cm. What is the cost to paint the curved surface of the tank at the rate of ₹6 per cm²? (If $\pi = \frac{22}{7}$)

- Ans ☐ 1. ₹3366
☒ 2. ₹3696
☐ 3. ₹3966
☐ 4. ₹3996

Q.64 A shopkeeper buys an item for ₹200 and sells it for ₹250. What is the percentage profit?

- Ans ☒ 1. 25%
☐ 2. 20%
☐ 3. 50%
☐ 4. 12%

Q.65 A shopkeeper's income increases by 20 percent to ₹3600 per month. What was his original income before the increase?

- Ans ☐ 1. ₹3400
☐ 2. ₹3200
☐ 3. ₹2800
☒ 4. ₹3000

Q.66 From the top of a bridge, the angle of depression of a boat on the river is 60°. If the horizontal distance between the boat and the foot of the bridge is 10 m, determine the height (in meters) of the bridge.

- Ans ☒ 1. $10\sqrt{3}$
☐ 2. $\frac{10}{\sqrt{3}}$
☐ 3. $5\sqrt{3}$
☐ 4. $\frac{5}{\sqrt{3}}$

Q.67 E and F start a partnership with investments in the ratio 7:3. After a year, the business earns a profit of ₹40,000. How much more does E receive than F?

- Ans**
- ☐ 1. ₹14,000
 - ☒ 2. ₹16,000
 - ☐ 3. ₹12,000
 - ☐ 4. ₹10,000

Q.68 A pipe fills a tank in 150 minutes, and a leak empties the full tank in 200 minutes. If both start working at the same time, find the time required to fill the tank.

- Ans**
- ☐ 1. 350 minutes
 - ☐ 2. 175 minutes
 - ☐ 3. 100 minutes
 - ☒ 4. 600 minutes

Q.69 You are designing a rectangular garden and need the length to satisfy $x^2 - 4x + 5 = 0$. Using the discriminant, what can you say about possible garden lengths?

- Ans**
- ☐ 1. Only positive real values of x will work
 - ☐ 2. Only negative real values of x will work
 - ☐ 3. All real values of x are possible
 - ☒ 4. No real value of x will satisfy the equation

Q.70 A 180 m train overtakes another 120 m train in 30 seconds while both are moving in the same direction. If the slower train moves at 30 km/h, what is the speed of the faster train?

- Ans**
- ☒ 1. 66 km/h
 - ☐ 2. 48 km/h
 - ☐ 3. 64 km/h
 - ☐ 4. 38 km/h

Q.71 A total amount of ₹10,500 is divided among Amit, Binod, and Chetan. The ratio of Amit's share to Binod's share is 2:3, and the ratio of Binod's share to Chetan's share is 4:5. What is the difference between Chetan's share and Amit's share?

- Ans**
- ☐ 1. ₹1,800
 - ☐ 2. ₹1,200
 - ☐ 3. ₹1,500
 - ☒ 4. ₹2,100

Q.72 What is the value of $\left(2.5 \times \frac{4}{5} + 1.2\right)$?

- Ans**
- ☐ 1. 4.2
 - ☒ 2. 3.2
 - ☐ 3. 2.4
 - ☐ 4. 2.6

Q.73 A retailer bought 120 notebooks for ₹4,800 and sold each notebook for ₹46. What is the profit percentage?

- Ans**
- ☐ 1. 18%
 - ☐ 2. 10%
 - ☒ 3. 15%
 - ☐ 4. 20%

Q.74 Using the empirical relation between mean, median, and mode, find the mode if the arithmetic mean is 72 and the mode is 12 greater than the median.

- Ans**
- ☐ 1. 78
 - ☒ 2. 90
 - ☐ 3. 66
 - ☐ 4. 84

Q.75 A car travels the first half of a 120 km journey at 60 km/h and the second half at 40 km/h. What is the average speed of the car for the entire journey?

- Ans**
- ☐ 1. 45 km/h
 - ☐ 2. 52 km/h
 - ☒ 3. 48 km/h
 - ☐ 4. 50 km/h

Q.76 Pipe X can fill a tank in 10 hours, pipe Y can fill it in 15 hours, and pipe Z can empty it in 30 hours. If all three pipes are opened together, what is the total time required to fill the tank?

- Ans**
- ☒ 1. 7.5 hours
 - ☐ 2. 12.5 hours
 - ☐ 3. 18 hours
 - ☐ 4. 15 hours

Q.77 A salaried employee's monthly income is ₹40,000. He spends 60% of his income and saves the remainder. In the following month, his expenditure increases by 25% over its previous value, while his income remains unchanged. By what percentage do his monthly savings decrease compared to the previous month?

- Ans**
- ☐ 1. 40.8%
 - ☐ 2. 25.7%
 - ☒ 3. 37.5%
 - ☐ 4. 30.5%

Q.78 Which quadrant does the point (4, -5) lie in on the Cartesian coordinate system?

- Ans**
- ☐ 1. Third quadrant
 - ☒ 2. Fourth quadrant
 - ☐ 3. First quadrant
 - ☐ 4. Second quadrant

Q.79 Find the principal amount on which the difference between the compound interest, compounded annually and simple interest at 10% per annum for 3 years is ₹620.

- Ans**
- ☐ 1. ₹18,000
 - ☐ 2. ₹25,000
 - ☐ 3. ₹15,000
 - ☒ 4. ₹20,000

Q.80 A cylindrical pipe has a height of 14 cm and a curved surface area of 616 cm^2 . Find its radius. (Take $\pi = 22/7$)

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

Q.81 Which of the following ratios is equivalent to 15:25?

- Ans
- ☐ 1. 24:35
 - ☐ 2. 15:24
 - ☒ 3. 24:40
 - ☐ 4. 15:30

Q.82 What is the arithmetic mean of the following incomes : ₹18,050, ₹22,070, ₹25,000, ₹28,500, ₹32,000, and ₹19,502?

- Ans
- ☒ 1. ₹24,187
 - ☐ 2. ₹23,620
 - ☐ 3. ₹25,010
 - ☐ 4. ₹22,980

Q.83 From a point on the ground, the angle of elevation of the top of a tower is 45° . From another point on the same side of the tower, 17 m closer to it, the angle of elevation becomes 60° . Find the height of the tower.

- Ans
- ☐ 1. $\frac{17\sqrt{3}(\sqrt{3}-1)}{2}$ m
 - ☒ 2. $\frac{17\sqrt{3}(\sqrt{3}+1)}{2}$ m
 - ☐ 3. $\frac{17(\sqrt{3}-1)}{2}$ m
 - ☐ 4. $\frac{17(\sqrt{3}-2)}{2}$ m

Q.84 The HCF of two numbers is 24. If the numbers are in the ratio 7:18, find the two numbers.

- Ans
- ☒ 1. 168 and 432
 - ☐ 2. 210 and 432
 - ☐ 3. 196 and 432
 - ☐ 4. 144 and 504

Q.85 A sum of ₹1000 is lent at 5% per annum for the first year and 7% per annum for the second year. What is the total simple interest earned after two years?

- Ans
- ☐ 1. ₹130
 - ☒ 2. ₹120
 - ☐ 3. ₹100
 - ☐ 4. ₹110

Q.86 A rainwater tank has a base measuring 8 m by 4 m and collects all the rainwater from a roof measuring 16 m by 12 m. If 4 cm of rain falls, how much will the water level rise in the tank?

- Ans
- ☐ 1. 0.12 cm
 - ☒ 2. 24 cm
 - ☐ 3. 0.24 cm
 - ☐ 4. 1.2 cm

Q.87 If Pipe A fills a tank in 6 hours and Pipe B empties it in 12 hours, how long will it take to fill the empty tank if both pipes are opened together?

- Ans
- ☐ 1. 6 hours
 - ☐ 2. 8 hours
 - ☒ 3. 12 hours
 - ☐ 4. 18 hours

Q.88 A car moves at 60 km/h for 2 hours, then at 30 km/h for 1 hour, and finally at 90 km/h for 1 hour. What is the average speed of the car for the entire trip?

- Ans**
- ☐ 1. 45 km/h
 - ☐ 2. 40 km/h
 - ☒ 3. 60 km/h
 - ☐ 4. 52 km/h

Q.89 What is the discriminant of the quadratic equation $x^2 - 2x + 1 = 0$?

- Ans**
- ☐ 1. 2
 - ☒ 2. 0
 - ☐ 3. 4
 - ☐ 4. 1

Q.90 A carpenter buys wood for ₹4,560 and spends ₹1,440 on labour charges. If he sells the table for ₹6,900, what is the gain percentage (in %)?

- Ans**
- ☒ 1. 15%
 - ☐ 2. 25%
 - ☐ 3. 20%
 - ☐ 4. 10%

Section : Reasoning

Q.91 In a row of 51 people facing north, Venu sits 16th from the left end. If only 17 people sit to the right of Dola, then how many people sit between Dola and Venu?

- Ans**
- ☐ 1. 14
 - ☒ 2. 17
 - ☐ 3. 18
 - ☐ 4. 16

Q.92 In a certain code language,
A o B means 'A is the sister of B'
A √ B means 'A is the daughter of B'
A ! B means 'A is the father of B'
A x B means 'A is the son of B'
Based on the above, how is U related to L if 'U o V √ W x K ! L'?

- Ans**
- ☐ 1. Mother's sister
 - ☐ 2. Sister's daughter
 - ☒ 3. Brother's daughter
 - ☐ 4. Daughter

Q.93 Ratan starts from Point Y and drives 18 km towards the West. He then takes a left turn, drives 69 km, turns right and drives 63 km. He then takes a right turn and drives 16 km. He takes a right turn, drives 81 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 degree turns only, unless specified.)

- Ans**
- ☐ 1. 51 km towards north
 - ☐ 2. 49 km towards south
 - ☐ 3. 55 km towards south
 - ☒ 4. 53 km towards north

Q.94 If 18 June 1941 was a Wednesday, then what was the day of the week on 26 August 1944?

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

Q.95 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on first number results in the second number. Similarly, certain mathematical operation on second number results 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)

18 - 22 - 44 - 48

14 - 18 - 36 - 40

- Ans**
- ☐ 1. 34 - 38 - 76 - 78
 - ☐ 2. 30 - 34 - 48 - 52
 - ☒ 3. 20 - 24 - 48 - 52
 - ☐ 4. 25 - 29 - 58 - 60

Q.96 A, B, C, D, E and F have different ages. E is elder than exactly 3 people. F is elder than C but younger than B. B is younger than D and D is not the eldest. Who is the youngest?

- Ans**
- ☒ 1. C
 - ☐ 2. A
 - ☐ 3. E
 - ☐ 4. F

Q.97 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:

P, Q, R, and S are sitting around a circular table facing towards the center. Who sits to the immediate right of R?

Statements:

(I) Q sits to the immediate right of S.

(II) P is to the immediate left of R, and Q is not an immediate neighbour of 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 (and not statement I alone or statement II alone) are sufficient to answer the question
 - ☐ 4. Both statements I and II together are NOT sufficient to answer the question

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

Question:

Five people F, G, H, I and J live on different floors of a five-storey building. The ground floor is numbered 1 and the top floor is numbered 5. Who lives on the top floor?

Statements:

(I): G lives on Floor 4. J lives immediately above G.

(II): H lives immediately below I.

- 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 are NOT 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 (and not statement I alone or statement II alone) are sufficient to answer the question

Q.99 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
MON23 , PRQ26 , SUT29 , VXW32 , ?

- Ans**
- ☐ 1. YEZ35
 - ☐ 2. VAZ35
 - ☐ 3. YAX35
 - ☒ 4. YAZ35

Q.100 What should come in place of '?' in the given series?
5, 12, 19, 26, 33, ?

- Ans**
- ☐ 1. 41
 - ☒ 2. 40
 - ☐ 3. 39
 - ☐ 4. 42

Q.101 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. Drum
2. Knob
3. Fawn
4. Silk

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

Q.102 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 are to be followed directly as given in the table.

Number/symbol 2 # 9 @ 4 % 7 & 1 \$ 8 + 5 6

Code B M W T D P K F H R A U L Q

Conditions –

(i) If both second and third elements are perfect squares, the third element is coded as the code for the second element.

(ii) If the first element is odd and the last element is even, code the last element as ©.

(iii) If the third element is a symbol, interchange first and third codes.

8 1 9 % 2

Ans  1. AHHPD

 2. AHHPB

 3. AHHPA

 4. AHWPB

Q.103 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$$21.02 + 4.01 \times 3.98 - 6.99 = ?$$

Ans  1. 30

 2. 40

 3. 22

 4. 38

Q.104 A, B, C, M, N and O 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. A lives on an even numbered floor but not on floor number 4. Only two people live between A and N. C lives on an odd numbered floor but not on the lowermost floor. Only two people live between C and O. B lives immediately below C. How many people live between M and B?

Ans  1. Three

 2. One

 3. Two

 4. Four

Q.105 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 books are papers. All papers are files.

Conclusion (I): Some files are books.

Conclusion (II): No files are books.

Ans  1. Both conclusions (I) and (II) follow

 2. Only conclusion (I) follows

 3. Only conclusion (II) follows

 4. Neither conclusion (I) nor (II) follows

Q.106 Refer to the following number, symbol series and answer the question. Counting to be done from left to right only. (all numbers are single digit numbers only)
(Left) $\infty \div @ \pm 8 \leq \infty 3 2 9 \geq \neq \sqrt{7} \leq * \leq \sqrt{\pm 7} \leq$ (Right)
How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a number?

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

Q.107 Choose the option in which all the details of the given name and address are correctly reproduced.
Mr. Harpreet S. Bhatia, SCO 134, Phase 7, Mohali, SAS Nagar, Punjab – 160061

- Ans
- ☐ 1. Mr. Harpreet S. Bhatia, SCO 134, Phase 7, Mohali, SAS Nagar, Punjab – 160016
 - ☐ 2. Mr. Harpreet S. Bhatia, SCO 143, Phase 7, Mohali, SAS Nagar, Punjab – 160061
 - ☒ 3. Mr. Harpreet S. Bhatia, SCO 134, Phase 7, Mohali, SAS Nagar, Punjab – 160061
 - ☐ 4. Mr. Harpreet S. Bhatia, SCO 134, Phase 7, Mohali, SAS Nager, Punjab – 160061

Q.108 This question is based on the following words
SUN, PIT, MOB, GET
In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will a vowel appear?

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

Q.109 The mirror image of an accurate analog clock shows a time of 05:07 hrs. What is the real time shown in the clock?

- Ans
- ☐ 1. 07:53 hrs
 - ☐ 2. 06:35 hrs
 - ☒ 3. 06:53 hrs
 - ☐ 4. 07:43 hrs

Q.110 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

HIDE - IHDE - EIHD
FISH - IFSH - HIFS

- Ans
- ☒ 1. OPEN - POEN - NPOE
 - ☐ 2. GONE - OGNE - ONEG
 - ☐ 3. GAME - GMAE - EMAG
 - ☐ 4. RACE - ARCE - EACR

Q.111 Each of S, T, U, V, M, N and O has exam on a different day of a week starting from Monday and ending on Sunday of the same week. S has exam on Thursday. M has exam on one of the days after U and on one of the days before V. T has exam on one of the days after N but on one of the days before O. N has exam on one of the days after S.

How many people have exam between T and M?

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

Q.112 Each vowel in the word ALCOHOL is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be third from the right in the new group of letters thus formed?

- Ans
- ☒ 1. F
 - ☒ 2. I
 - ☒ 3. G
 - ☒ 4. H

Q.113 Refer to the following letter, number, symbol series and answer the question. Counting to be done from left to right.

(Left) A 4 T ! 3 % C # P 2 ? B = 1 > 5 D 6 Q + 7 (Right)

How many such letters are there which are immediately preceded by a symbol and also immediately followed by a number?

- Ans
- ☒ 1. THREE
 - ☒ 2. TWO
 - ☒ 3. ONE
 - ☒ 4. FOUR

Q.114 What will come in place of the '?' in the following equation, if only '+' and '-' are interchanged?

$$48 - 6 \times 4 + 20 \div 5 = ?$$

- Ans
- ☒ 1. 68
 - ☒ 2. 28
 - ☒ 3. 72
 - ☒ 4. 44

Q.115 Refer to the following letter, number, symbol series and answer the question that follows.

(Left) + P 1 # M 2 ? L 3 U 4 ! N 5 = Q U / 6 T 7 % (Right)

How many such letters are there, which are immediately preceded by a number and also immediately followed by another number?

- Ans
- ☒ 1. TWO
 - ☒ 2. ONE
 - ☒ 3. FOUR
 - ☒ 4. THREE

Q.116 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 P, Q, R, S and T live on different floors of a five-storey building. The ground floor is numbered 1 and the top floor is numbered 5. Who lives on Floor 3?

Statements:

(I): P lives on Floor 1. Q lives immediately above P.

(II): T lives on Floor 5. S lives immediately below T.

- 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.117 If 16 August 2004 was Monday then what will be the day of the week on 4 April 2007?

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

Q.118 All 30 students in a class are standing in a row facing north. If Rahul is 8th from the right end while Narendra is 29th from the left end, _____ is the number of people standing between Rahul and Narendra.

- Ans
- ☒ 1. 5
 - ☐ 2. 4
 - ☐ 3. 3
 - ☐ 4. 6

Q.119 Refer to the following letter, number, symbol series and answer the question that follows.

(Left) E 3 ? C 9 1 # A 4 ? G 5 ! B 6 7 D = F 2 8 (Right)

How many such numbers are there which are immediately preceded by a letter and also immediately followed by another number?

- Ans
- ☒ 1. THREE
 - ☐ 2. ONE
 - ☐ 3. FOUR
 - ☐ 4. TWO

Q.120 The position(s) of how many letters will remain unchanged, if each letter in the word QUICKSTAND is arranged in the English alphabetical order?

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

Q.121 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 L, M, N, O and P live on different floors of a five-storey building. The ground floor is numbered 1 and the top floor is numbered 5. Who lives immediately below O?

Statements:

(I): O lives on Floor 5.

(II): N lives on Floor 4.

- 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.122 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 K, L, M, N and O live on different floors of a five-storey building. The ground floor is numbered 1 and the top floor is numbered 5. Who lives immediately above M?

Statements:

(I): M lives on Floor 3.

(II): N lives on Floor 4.

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

Q.123 T is the brother of O. O is the sister of G. G is the wife of Q. Q is the father of B. T is B's _____.

- Ans**
- ☐ 1. Wife's brother
 - ☒ 2. Mother's brother
 - ☐ 3. Brother
 - ☐ 4. Father

Q.124 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 A, B, C, D and E live on different floors of a five-storey building. The ground floor is numbered 1 and the top floor is numbered 5. Who lives on Floor 2?

Statements:

(I): A lives on Floor 1. B lives immediately above A.

(II): E lives on Floor 5.

- 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 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 I alone is sufficient to answer the question while data in statement II is not

Q.125 Sanjay starts from Point Y and drives 47 km towards North. He then takes a left turn, drives 74 km, turns left and drives 59 km. He then takes a left turn and drives 41 km. He takes a left turn, drives 12 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-degree turns only unless specified)

- Ans**
- ☒ 1. 33 km towards east
 - ☐ 2. 37 km towards east
 - ☐ 3. 41 km towards west
 - ☐ 4. 34 km towards west

Q.126 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. TP - VR
 - ☒ 2. LH - MI
 - ☒ 3. FB - HD
 - ☒ 4. JF - LH

Q.127 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order

1. Hospital
2. Diagnosis
3. Treatment
4. Recovery
5. Symptoms

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

Q.128 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

$$76 \text{ D } 32 \text{ A } 4 \text{ C } 36 \text{ A } 3 \text{ D } 11 \text{ B } 2 \text{ C } 84 \text{ A } 3 \text{ C } 25 = ?$$

- Ans**
- ☒ 1. 140
 - ☒ 2. 111
 - ☒ 3. 145
 - ☒ 4. 155

Q.129 P, Q, C, D, and E have different heights. C is taller than D but shorter than E. D is taller than P. Q is taller than P. More than two people are taller than Q. How many people are taller than P?

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

Q.130 Seven people, A, B, C, D, U, V and W are sitting in a row, facing north.
Only two people sit to the right of C. Only two people sit between C and V. Only two people sit between A and U. U sits to the immediate left of C. W sits to the immediate right of D.
Who sits at third position from the left end of the row?

- Ans**
- ☒ 1. A
 - ☒ 2. U
 - ☒ 3. V
 - ☒ 4. B

Q.131 T is the sister of S. S is the son of K. K is the wife of P. P is the father of B. T is B's _____.

- Ans**
- ☒ 1. Mother's sister
 - ☒ 2. Brother's daughter
 - ☒ 3. Sister's daughter
 - ☒ 4. Sister

Q.132 Choose the option in which all the details of the given name and address are correctly reproduced.

Ms. Kavitha R. Iyer, No. 45, 2nd Cross, Indiranagar, HAL Old Airport Road, Bengaluru, Karnataka – 560038

- Ans**
- ☐ 1. Ms. Kavitha R. Iyer, No. 45, 2nd Cross, Indranagar, HAL Old Airport Road, Bengaluru, Karnataka – 560038
 - ☐ 2. Ms. Kavita R. Iyer, No. 45, 2nd Cross, Indiranagar, HAL Old Airport Road, Bengaluru, Karnataka – 560038
 - ☐ 3. Ms. Kavitha R. Iyer, No. 45, 2nd Cross, Indiranagar, HAL Old Airport Road, Bengaluru, Karnataka – 560083
 - ☒ 4. Ms. Kavitha R. Iyer, No. 45, 2nd Cross, Indiranagar, HAL Old Airport Road, Bengaluru, Karnataka – 560038

Q.133 15 is related to 45 following a certain logic. Following the same logic, 22 is related to 66. To which of the following is 33 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. 99
 - ☐ 2. 90
 - ☐ 3. 96
 - ☐ 4. 93

Q.134 How many meaningful four letter English words can be formed using N, G, A, and I using all the letters but each letter only and exactly once in each word.

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

Q.135 What should come in place of ? in the given series based on the English alphabetical order?

SAR QYP OWN MUL ?

- Ans**
- ☐ 1. KJS
 - ☒ 2. KSJ
 - ☐ 3. KIO
 - ☐ 4. KIL

Q.136 How many meaningful four letter English words can be formed using O, S, L, and T using all the letters but each letter only once in each word?

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

Q.137 Choose the option in which all the details of the given name and address are correctly reproduced.

Mr. Aniket R. Das
House No. 46A, Shanti Nagar,
Station Road, Hakimpura,
Siliguri, West Bengal – 734001

- Ans**
- ☐ 1. Mr. Aniket R. Das, House No. 46A, Shanti Nagar, Station Road, Hakimpura, Siliguri, West Bengal – 734010
 - ☒ 2. Mr. Aniket R. Das, House No. 46A, Shanti Nagar, Station Road, Hakimpura, Siliguri, West Bengal – 734001
 - ☐ 3. Mr. Aniket R. Dey, House No. 46A, Shanti Nagar, Station Road, Hakimpura, Siliguri, West Bengal – 734001
 - ☐ 4. Mr. Aniket R. Das, House No. 64A, Shanti Nagar, Station Road, Hakimpura, Siliguri, West Bengal – 734001

Q.138 In a certain code language, 'SUNG' is coded as '3157' and 'GLAD' is coded as '2416'. What is the code for 'G' in the given code language?

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

Q.139 BROM is related to DTQO in a certain way based on the English alphabetical order. In the same way, JZWU is related to LBYW. To which of the following options is PFCA related to, following the same logic?

- Ans**
- ☐ 1. RHCE
 - ☒ 2. RHEC
 - ☐ 3. YRFT
 - ☐ 4. RCDE

Q.140 This question is based on the five, three-digit numbers given below.
(left) 367 452 819 234 675 (right)
(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
What will be the resultant if the third digit of the second highest number is added to the second digit of the second lowest number?

- Ans**
- ☒ 1. 11
 - ☐ 2. 10
 - ☐ 3. 12
 - ☐ 4. 9

Q.141 Six friends D, E, F, G, X and Y are sitting around a circular table facing the center of the table. Only three people sit between G and D when counted from the right of G. G sits second to the left of E. F sits third to the left of E. Y is an immediate neighbor of both D and E. How many people sit between X and Y when counted from the right of X?

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

Q.142 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 man out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- ☐ 1. LPR
 - ☒ 2. VZV
 - ☐ 3. AEG
 - ☐ 4. XBD

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

(Left) D H P N K P A M Q D M V C Y D U N I P (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. One
 - ☐ 2. Four
 - ☐ 3. Three
 - ☒ 4. Two

Q.144 Six boxes A, B, C, D, E, and F are kept one over the other but not necessarily in the same order. A is kept second from the top. Only two boxes are kept between E and D. E is kept immediately below A. C is kept immediately below B. How many boxes are kept between B and D?

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

Q.145 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.

4 # & ! 7 + 6 % ? 1 3 2 5 *

F J N V S U Z M B R E O I L

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.

3 * 6 1 +

- Ans
- ☐ 1. ELZNU
 - ☐ 2. FLZRU
 - ☐ 3. ELJRU
 - ☒ 4. ELZRU

Q.146 This question is based on the five, three-digit numbers given below.

(Left) 832 694 510 419 276 (Right)

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

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

If all the numbers are arranged in descending order, the position of how many numbers will remain unchanged?

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

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.

Five people – P, Q, R, S, and T are of different ages. Who is the youngest?

(I) P is older than Q but younger than R. T is younger than S.

(II) R is older than P. S is older than Q and T.

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

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

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

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

Q.148 P, Q, C, D, and E have different marks. Only one person has scored between E and P. Only one person has scored between P and C. Q has scored less than E and P. How many people have scored less than D?

Ans  1. Three

 2. Two

 3. Four

 4. One

Q.149 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:

P, Q, R, and S are sitting around a circular table facing towards the center. Who sits between Q and S when counted from left of Q?

Statements:

(I) P sits to the immediate left of S.

(II) R sits to the immediate right of Q.

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

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

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

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

Q.150 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 5623718, what will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans  1. 7

 2. 8

 3. 10

 4. 6