

GSSSB CBRT Adv 378 CCE 2026

Test Date	23/09/2026
Test Time	5:00 PM - 7:00 PM
Subject	378 Combined Competitive Examination

Section : English

Q.1 Choose the correct word for the underlined segment from the options.

The children waited with keen and enthusiastic desire for the school bus, excitement brightening every face.

- Ans**
- ✓ 1. eagerly
 - ✗ 2. apprehensively
 - ✗ 3. patiently
 - ✗ 4. briefly

Q.2 In the following sentence, the underlined part contains an error. Choose the option that best replaces the underlined part to make the sentence grammatically correct.

The researcher's observation of the species population's trend revealed important ecological data.

- Ans**
- ✓ 1. observations of species population trends
 - ✗ 2. observation of species populations trend
 - ✗ 3. trend of species population's observations
 - ✗ 4. trend observations of population species

Q.3 Select the most appropriate proverb to substitute the underlined part of the given sentence.

The candidate promised many reforms during the campaign, but voters wanted evidence because look before you leap.

- Ans**
- ✗ 1. slow and steady wins the race
 - ✗ 2. charity begins at home
 - ✓ 3. actions speak louder than words
 - ✗ 4. every cloud has a silver lining

Q.4 "I write with my right hand." નો સાચો ગુજરાતી અનુવાદ કયો છે?

- Ans**
- ✓ 1. હું મારા જમણા હાથથી લખું છું.
 - ✗ 2. હું મારા ડાબા હાથથી લખું છું.
 - ✗ 3. હું મારા જમણા હાથથી રમું છું.
 - ✗ 4. હું મારા જમણા હાથથી બોલું છું.

Q.5 Select the correct sentence from the following options that transforms the given sentence to Passive voice.

The poster showed the disadvantages of weight loss drugs.

- Ans**
- ✓ 1. The disadvantages of weight loss drugs were shown by the poster.
 - ✗ 2. The disadvantages of weight loss drugs are shown by the poster.
 - ✗ 3. The poster was shown by the disadvantages of weight loss drugs.
 - ✗ 4. The disadvantages of weight loss drugs was shown.

Q.6 Choose the correct option to complete the sentence.
He is _____ MBA graduate from a prestigious university.

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

Q.7 Choose the synonym for the bold word in the given sentence.

Her **brilliant** idea solved the problem quickly.

- Ans**
- ☐ 1. noisy
 - ☐ 2. heavy
 - ☒ 3. clever
 - ☐ 4. dusky

Q.8 Rectify the given sentence by choosing the correct option:
If he (know) about the traffic, he would have left home earlier.

- Ans**
- ☒ 1. had known
 - ☐ 2. was knowing
 - ☐ 3. knew
 - ☐ 4. knows

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

The director said to the trainees, "You will receive your appointment letters within the next seven days."

- Ans**
- ☒ 1. The director told the trainees that they would receive their appointment letters within the following seven days.
 - ☐ 2. The director told the trainees that they will receive their appointment letters within the next seven days.
 - ☐ 3. The director told the trainees that they received their appointment letters within the following seven days.
 - ☐ 4. The director told the trainees that they would have received their appointment letters within the following seven days.

Q.10 Select the option which correctly converts the simple sentence to complex sentence:
The teacher praised the student for her remarkable honesty during the final examination.

- Ans**
- ☐ 1. The teacher praised the student, for she showed remarkable honesty during the final examination.
 - ☒ 2. The teacher praised the student because she showed remarkable honesty during the final examination.
 - ☐ 3. The teacher praised the student who she showed remarkable honesty during the final examination.
 - ☐ 4. The teacher praised the student because of she showed remarkable honesty during the final examination.

Q.11 Choose the correct form of future tense.

This time next month, the exchange students _____ through the historic streets of Rome.

- Ans**
- ☐ 1. will have travelled
 - ☐ 2. travel
 - ☐ 3. will travel
 - ☒ 4. will be travelling

Q.12 Substitute one word for the given expression.
A person who studies the origin and development of human societies and cultures.

- Ans**
- ☒ 1. Anthropologist
 - ☐ 2. Orthographer
 - ☐ 3. Archaeologist
 - ☐ 4. Ethnographer

Q.13 Choose the correct past perfect continuous tense form of the following sentence.

He studies for the exam all evening.

- Ans
- ☐ 1. He had studied for the exam all evening.
 - ☐ 2. He was studying for the exam all evening.
 - ☒ 3. He had been studying for the exam all evening.
 - ☐ 4. He has been studying for the exam all evening.

Q.14 A statement divided into different segments is given. The first segment is fixed; rearrange the other segments to form a coherent statement.

In writing and speech,
P. are used to enhance expression,
Q. rhetorical techniques
R. and engage the audience
S. emphasize key points,

- Ans
- ☒ 1. QPSR
 - ☐ 2. PQRS
 - ☐ 3. SRQP
 - ☐ 4. RPQS

Q.15 Select the most appropriate option to complete the given sentence.

The brave hikers found an easier _____ through the dense forest.

- Ans
- ☐ 1. weigh
 - ☒ 2. way
 - ☐ 3. waif
 - ☐ 4. whey

Section : Gujarati

Q.16 સાચી જોડણી શોધો.

- Ans
- ☐ 1. સુવર્ણજયંતિ
 - ☐ 2. સુવર્ણજયંતિ
 - ☒ 3. સુવર્ણ-જયંતી
 - ☐ 4. સૂવર્ણ જયંતિ

Q.17 ગુજરાતી વર્ણમાળાના આકારાદી ક્રમ મુજબ સૌથી છેલ્લો શબ્દ કયો આવશે?

- Ans
- ☒ 1. રસોઈ
 - ☐ 2. રમત
 - ☐ 3. રમકડું
 - ☐ 4. રથ

Q.18 શબ્દ એક જ વખત વપરાયો હોય છતાં તેના એક કરતાં વધુ અર્થ નીકળતા હોય તો કયો અલંકાર છે?

- Ans
- ☒ 1. શ્લેષ
 - ☐ 2. યમક
 - ☐ 3. ઉપમા
 - ☐ 4. રૂપક

Q.19 નીચે આપેલ વાક્યોમાંથી ભાષાશુદ્ધિની દૃષ્ટિએ સાચું વાક્ય ઓળખાવો.

- Ans
- ☐ 1. દેશના વિર સૈનિકો સરહદ પર રહીને આપણી રક્ષા કરે છે.
 - ☐ 2. દેશમાં વીર સૈનિકો સરહદ પર રહીને આપણી રક્ષા કરે છે.
 - ☒ 3. દેશના વીર સૈનિકો સરહદ પર રહીને આપણી રક્ષા કરે છે.
 - ☐ 4. દેશના વીર સૈનિકો સરહદ પર રહીને આપણા રક્ષા કરે છે.

Q.20 આ સાથે આપેલ ગુજરાતી વાક્યનો યોગ્ય અંગ્રેજી અનુવાદ ઓળખાવો : રુચિ રસોઈ બનાવે છે.

- Ans
- ✓ 1. Ruchi cooks food.
 - ✗ 2. Ruchi is cook food.
 - ✗ 3. Ruchi cooking food.
 - ✗ 4. Ruchi cook food.

Q.21 'પેટનું પાણી ન હલવું' કહેવતનો યોગ્ય અર્થ પસંદ કરો.

- Ans
- ✗ 1. પાણી ન પીવું
 - ✗ 2. બીમાર પડી જવું
 - ✓ 3. જરાય અસર ન થવી
 - ✗ 4. ભૂખ ન લાગવી

Q.22 'ગંધવહ' શબ્દનો સમાનાર્થી શબ્દ શોધો.

- Ans
- ✗ 1. પર્વત
 - ✗ 2. આકાશ
 - ✗ 3. સમુદ્ર
 - ✓ 4. પવન

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

- Ans
- ✓ 1. કોઈને હાજર રહેવું પડશે.
 - ✗ 2. વહાણ કિનારાથી દૂર સાગરમાં સરકતું હતું.
 - ✗ 3. સ્ત્રી મધુર અવાજમાં ગીત ગાય છે.
 - ✗ 4. તે તરફ રવાના થયો.

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

- Ans
- ✗ 1. Rival
 - ✗ 2. Opponent
 - ✗ 3. Enemy
 - ✓ 4. Assistant

Q.25 આપેલ વિકલ્પમાંથી કયું કર્તરિ વાક્ય નથી?

- Ans
- ✗ 1. એણે પચાસ માણસોને જમાડ્યા
 - ✗ 2. રાજેશ કંઈ બોલ્યો હતો
 - ✓ 3. રાઘવથી કંઈ બોલાયું હતું
 - ✗ 4. અશોક કંઈ બોલ્યો ન હતો

Q.26 વેળાં થાતાં વિધિદમનની ગાત્ર ખંચાય સામાં : આપેલ પંક્તિનો છંદ ઓળખાવો.

- Ans
- ✓ 1. મંદાક્રાન્ત
 - ✗ 2. હરિણી
 - ✗ 3. શિખરિણી
 - ✗ 4. પૃથ્વી

Q.27 'હૃદયસ્પર્શી' શબ્દનો સમાસ ઓળખાવો.

- Ans
- ✓ 1. ઉપપદ
 - ✗ 2. દ્વિગુ
 - ✗ 3. કર્મધારય
 - ✗ 4. ઢંઢ

Q.28 'આનંદ' શબ્દનો સમાનાર્થી શબ્દ શોધો.

- Ans
- ☐ 1. ચિંતા
 - ☐ 2. શોક
 - ☒ 3. હર્ષ
 - ☐ 4. દુઃખ

Q.29 'જ્ઞ + આ' નું અક્ષરરૂપ કયું છે?

- Ans
- ☐ 1. જે
 - ☒ 2. જા
 - ☐ 3. જુ
 - ☐ 4. જી

Q.30 ભાષાના લઘુત્તમ શ્રાવ્ય ઘટકને વ્યાકરણમાં શું કહેવાય?

- Ans
- ☐ 1. ફકરો
 - ☒ 2. ધ્વનિ
 - ☐ 3. વાક્ય
 - ☐ 4. શબ્દ

Section : General Awareness and Current Affairs

Q.31 A strip of blue litmus paper is dipped into an acidic solution. What observation is expected?

- Ans
- ☐ 1. The blue colour turns green
 - ☐ 2. The blue colour turns yellow
 - ☐ 3. The red colour turns blue
 - ☒ 4. The blue colour turns red

Q.32 The Sustainable Harnessing and Advancement of Nuclear Energy for Transforming India (SHANTI) Act, 2025, supports India's clean-energy transition and the long-term objective of achieving 100 GW nuclear energy capacity by:

- Ans
- ☐ 1. 2040
 - ☐ 2. 2035
 - ☒ 3. 2047
 - ☐ 4. 2030

Q.33 Which of the following correctly distinguishes Fundamental Rights from Directive Principles of State Policy?

- Ans
- ☐ 1. Fundamental Rights are positive obligations, whereas Directive Principles are negative obligations.
 - ☒ 2. Fundamental Rights are enforceable, whereas Directive Principles are not enforceable by any court.
 - ☐ 3. Directive Principles impose obligations only upon citizens while Fundamental Rights only on government.
 - ☐ 4. Both Fundamental Rights and Directive Principles are enforceable by courts.

Q.34 Which property of light explains the observation that a coin at the bottom of a glass of water appears slightly raised when viewed from above?

- Ans
- ☐ 1. Bouncing back from the water surface
 - ☐ 2. Random spreading in all directions inside the medium
 - ☒ 3. Change in direction when passing through different media
 - ☐ 4. Reduction in light intensity due to medium

Q.35 India's multi-party system has encouraged the formation of:

- Ans**
- ✓ 1. Coalition governments
 - ✗ 2. Non-party governments
 - ✗ 3. One-party governments
 - ✗ 4. Military governments

Q.36 According to the Nebular Hypothesis, the rotating cloud of gas and dust acquired which of the following shapes due to friction and collisions among particles?

- Ans**
- ✓ 1. Disk-shaped cloud
 - ✗ 2. Ring-shaped cloud
 - ✗ 3. Cylindrical cloud
 - ✗ 4. Spherical cloud

Q.37 What was a key factor that allowed the Green Revolution to break the stagnation in Indian agriculture after independence?

- Ans**
- ✓ 1. Adoption of High Yielding Variety seeds with irrigation support
 - ✗ 2. Expansion of cultivated land using traditional farming methods
 - ✗ 3. Dependence on monsoon rainfall for agricultural production
 - ✗ 4. Continued use of traditional tools and conventional farming practices

Q.38 Which Portuguese explorer arrived at the port of Calicut in 1498 C.E., marking the beginning of European maritime sea route discovery to India?

- Ans**
- ✗ 1. Christopher Columbus
 - ✗ 2. Ferdinand Magellan
 - ✗ 3. Bartolomeu Dias
 - ✓ 4. Vasco da Gama

Q.39 Which canal connects the Atlantic Ocean with the Pacific Ocean?

- Ans**
- ✗ 1. Suez Canal
 - ✓ 2. Panama Canal
 - ✗ 3. Kiel Canal
 - ✗ 4. Manchester Ship Canal

Q.40 Which epithet is specifically associated with the Mauryan ruler Bindusara?

- Ans**
- ✓ 1. Amitraghata
 - ✗ 2. Devanampiya
 - ✗ 3. Chakravartin
 - ✗ 4. Priyadarsi

Q.41 During the India-AI Impact Summit 2026, the government highlighted 'Kisan e-Mitra'. What type of computer technology innovation is this?

- Ans**
- ✗ 1. An internet-free blockchain-based platform for secure digital land record management
 - ✗ 2. A decentralised rural broadband network system for enhancing farm-level digital connectivity
 - ✗ 3. A satellite-enabled autonomous drone system for precision farming and crop monitoring
 - ✓ 4. A voice-based AI chatbot to provide real-time, localised agricultural information in regional languages

Q.42 A performer preparing for the Nongkrem dance of Meghalaya selects a traditional wind instrument that forms an important part of the dance accompaniment. Which instrument is most likely being used?

- Ans**
- ✗ 1. Pungi
 - ✓ 2. Tangmuri
 - ✗ 3. Been
 - ✗ 4. Dufli

Q.43 In June 2026, the Vice President of India released the book "Agatthiyar – The Unifier" at a function held at the Uprashtrapati Bhavan in New Delhi. Who authored this book?

- Ans**
- ☒ 1. O. Shama Bhat and Dr. M. N. Sudha
 - ☐ 2. S. Narayanan and Dr. Meenakshi Subramanian
 - ☐ 3. Prof. V. Ganesan and Dr. Lakshmi Krishnan
 - ☐ 4. Dr. R. Shankar Iyer and Prof. K. V. Raghavan

Q.44 Operation HimSetu was conducted by the Indian Army in April 2026 to rescue stranded civilians in which state?

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

Q.45 In which country did the 2026 Annecy International Animation Film Festival take place?

- Ans**
- ☐ 1. Italy
 - ☐ 2. Germany
 - ☐ 3. Switzerland
 - ☒ 4. France

Q.46 Who received the Special Breakthrough Prize in Fundamental Physics in 2026?

- Ans**
- ☐ 1. Steven Weinberg
 - ☐ 2. Peter Higgs
 - ☐ 3. Donna Strickland
 - ☒ 4. David J. Gross

Q.47 In Hindu temple architecture, which structure is a pillared hall, used for devotees to assemble for worship and rituals?

- Ans**
- ☐ 1. Garbhagriha
 - ☒ 2. Mandapa
 - ☐ 3. Vimana
 - ☐ 4. Vahana

Q.48 Concéntrico 2026, an international architecture festival, took place in which city?

- Ans**
- ☐ 1. Barcelona, Spain
 - ☐ 2. Paris, France
 - ☒ 3. Logroño, Spain
 - ☐ 4. Milan, Italy

Q.49 What is the nature of the distribution of the world's population?

- Ans**
- ☐ 1. Completely random
 - ☐ 2. Almost equally distributed
 - ☐ 3. Highly uniform
 - ☒ 4. Highly uneven

Q.50 When a person uses a stick to push a box across the floor, what type of force is directly exerted on the box through the stick?

- Ans**
- ☒ 1. A contact force
 - ☐ 2. A gravitational force
 - ☐ 3. A magnetic force
 - ☐ 4. A non-contact force

Q.51 Which aspect best explains why Prakrit played a crucial role in spreading the teachings of Mahatma Buddha and Mahavira?

- Ans**
- ☒ 1. Prakrit remained accessible to common people and conveyed teachings widely.
 - ☐ 2. Prakrit literature contributed significantly to knowledge and cultural traditions.
 - ☐ 3. Prakrit inscriptions preserved important records that were widely consulted.
 - ☐ 4. Prakrit grammar was developed systematically by renowned scholars and acharyas.

Q.52 Which of the following was a major industrial policy change introduced under India's New Industrial Policy of 1991?

- Ans**
- ☐ 1. Introduction of additional controls on industrial products
 - ☐ 2. Expansion of industries reserved for public enterprises
 - ☒ 3. Abolition of industrial licensing for most industries
 - ☐ 4. Increase in restrictions on small-scale industries

Q.53 The 'Shanti Niwas' Hostel, inaugurated at Pansar in July 2026, has been established primarily for the welfare of which community?

- Ans**
- ☐ 1. Scheduled Tribe students
 - ☒ 2. Nomadic and Denotified Tribes
 - ☐ 3. Children of defence personnel
 - ☐ 4. Students from border areas

Q.54 Which of the following is a characteristic feature of the biosphere?

- Ans**
- ☐ 1. It forms the gaseous envelope around the Earth only.
 - ☐ 2. It only includes the water present on the Earth.
 - ☐ 3. It forms the solid surface of the Earth only.
 - ☒ 4. It is the sphere where life exists in all forms.

Q.55 Within the framework of Article 75(3) of the Constitution of India, the Union Council of Ministers is collectively responsible to which of the following?

- Ans**
- ☒ 1. House of the People
 - ☐ 2. Council of States
 - ☐ 3. President of India
 - ☐ 4. Prime Minister of India

Q.56 During ISRO's Second Integrated Air Drop Test (IADT-02) for the Gaganyaan Mission, the simulated Crew Module was air-dropped from which aircraft of the Indian Air Force?

- Ans**
- ☒ 1. Chinook helicopter
 - ☐ 2. Mi-17 helicopter
 - ☐ 3. C-130J Super Hercules
 - ☐ 4. C-17 Globemaster III

Q.57 Which concept introduced in the Upanishads refers to liberation from the cycle of birth and rebirth?

- Ans**
- ☐ 1. Yajna
 - ☐ 2. Karma
 - ☐ 3. Dharma
 - ☒ 4. Moksha

Q.58 In February 2026, the Chief Minister of Gujarat launched the statewide free HPV vaccination mega campaign from which of the following hospitals?

- Ans**
- ☐ 1. Civil Hospital, Surat
 - ☒ 2. Sola Civil Hospital, Ahmedabad
 - ☐ 3. Civil Hospital, Rajkot
 - ☐ 4. GMERS Hospital, Bhavnagar

Q.59 In a perfectly competitive market, what happens when the quantity that all firms wish to sell is exactly equal to the quantity all consumers wish to buy?

- Ans**
- ☒ 1. Market demand and market supply are equal in the market
 - ☐ 2. Market demand and market supply change in the market
 - ☐ 3. Market demand exceeds market supply in the market
 - ☐ 4. Market supply exceeds market demand in the market

Q.60 Which of the following social evils was strongly opposed by Raja Rammohan Roy?

- Ans**
- ☐ 1. Untouchability
 - ☒ 2. Sati Pratha
 - ☐ 3. Female infanticide
 - ☐ 4. Dowry

Section : Quantitative Aptitude

Q.61 If 2:5 is the same as x:20, what is the value of x?

- Ans**
- ☒ 1. 8
 - ☐ 2. 10
 - ☐ 3. 6
 - ☐ 4. 9

Q.62 Pipe A fills a tank in 6 hours and Pipe B fills it in 8 hours. They are opened together, but after 2 hours Pipe A is closed. How long will Pipe B take to finish the remaining work?

- Ans**
- ☐ 1. 3 hours 10 minutes
 - ☐ 2. 3 hours 30 minutes
 - ☐ 3. 3 hours 15 minutes
 - ☒ 4. 3 hours 20 minutes

Q.63 Three friends, P, Q, and R, invest in a partnership in the ratio 2:3:5. If the profit is ₹25,000, how much does Q receive (in ₹)?

- Ans**
- ☐ 1. 4000
 - ☐ 2. 6000
 - ☐ 3. 5000
 - ☒ 4. 7500

Q.64 A painting is purchased for ₹12,500 and sold at a loss of 25%. What is the selling price of the painting?

- Ans**
- ☒ 1. ₹9,375
 - ☐ 2. ₹9,750
 - ☐ 3. ₹10,000
 - ☐ 4. ₹9,500

Q.65 If the roots of a quadratic equation are 2 and 5, which equation represents this quadratic?

- Ans
- ☐ 1. $x^2 - 10x + 7 = 0$
 - ☐ 2. $x^2 + 10x + 7 = 0$
 - ☒ 3. $x^2 - 7x + 10 = 0$
 - ☐ 4. $x^2 + 7x + 10 = 0$

Q.66 Two pipes, Pipe A and Pipe B, can fill a tank in 12 hours and 18 hours respectively. How long will it take both pipes, working together, to fill the tank?

- Ans
- ☐ 1. 7 hours 40 minutes
 - ☐ 2. 7 hours 50 minutes
 - ☒ 3. 7 hours 12 minutes
 - ☐ 4. 7 hours 30 minutes

Q.67 A large irrigation pipe fills a canal in 8 hours. If three identical pipes are used together, how long (in hours) will they take to fill the canal?

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

Q.68 A student has test scores of 72, 85, 90, 68, and 75. What is the median score?

- Ans
- ☒ 1. 75
 - ☐ 2. 85
 - ☐ 3. 90
 - ☐ 4. 72

Q.69 A point P divides the line segment joining A(4, 8) and B(10, 18) externally in the ratio 2:3 and lies beyond A. What are the coordinates of P?

- Ans
- ☐ 1. (6, 10)
 - ☒ 2. (-8, -12)
 - ☐ 3. (0, 2)
 - ☐ 4. (22, 38)

Q.70 If the quadratic equation $x^2 - px + 5 = 0$ has roots α and β , and if $\frac{\alpha}{\beta} + \frac{\beta}{\alpha} = 3$, what is the value of p?

- Ans
- ☐ 1. 8 or -8
 - ☐ 2. 4 or -4
 - ☐ 3. 6 or -6
 - ☒ 4. 5 or -5

Q.71 What number should be added to each of the numbers 6, 15, 20, and 43 so that the resulting numbers are in proportion?

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

Q.72 A sum of ₹5,000 is invested at 8% per annum for 2 years, compounded annually. Find the compound interest earned.

- Ans
- ☐ 1. ₹852
 - ☐ 2. ₹922
 - ☒ 3. ₹832
 - ☐ 4. ₹802

Q.73 The speed of a boat in still water is 18 km/h and the speed of the stream is 4 km/h. Find the downstream speed.

- Ans
- ☐ 1. 20 km/h
 - ☐ 2. 23 km/h
 - ☐ 3. 21 km/h
 - ☒ 4. 22 km/h

Q.74 Find the mean of the following data:

Class Intervals	10-20	20-30	30-40	40-50
Frequency	3	5	7	5

- Ans
- ☐ 1. 28
 - ☐ 2. 30
 - ☒ 3. 32
 - ☐ 4. 34

Q.75 A boat can go 40 km downstream in 4 hours and the same distance upstream in 8 hours. If the speed of the stream increases by 50%, how long will it take to travel 40 km upstream?

- Ans
- ☐ 1. 6 hours 40 minutes
 - ☐ 2. 8 hours 40 minutes
 - ☒ 3. 10 hours 40 minutes
 - ☐ 4. 7 hours 40 minutes

Q.76 Simplify: $\frac{47}{12} + \frac{2}{3} - \left(\frac{3}{4} + \frac{8}{3}\right)$

- Ans
- ☐ 1. $\frac{2}{3}$
 - ☐ 2. $\frac{5}{6}$
 - ☒ 3. $\frac{7}{6}$
 - ☐ 4. $\frac{1}{3}$

Q.77 In a school election, 300 votes were cast. If 90% of the votes were valid, how many valid votes were counted?

- Ans
- ☐ 1. 240
 - ☒ 2. 270
 - ☐ 3. 330
 - ☐ 4. 300

Q.78 If a boat takes 1 hour less to travel 24 km downstream than upstream, and the stream speed is 2 km/h, what is the speed of the boat in still water?

- Ans**
- ☐ 1. 12 km/h
 - ☐ 2. 8 km/h
 - ☐ 3. 14 km/h
 - ☒ 4. 10 km/h

Q.79 Rahul sold a book for ₹640 at a 20% loss. At what price should he have sold it to gain a profit of 20%?

- Ans**
- ☐ 1. ₹850
 - ☒ 2. ₹960
 - ☐ 3. ₹840
 - ☐ 4. ₹780

Q.80 A decorative tower consists of a conical roof with slant height 13 cm and a cylindrical pillar of height 12 cm. Both have the same base radius of 5 cm. What is the total surface area of the structure, excluding the common circular base, where the cone and cylinder are joined (use $\pi = \frac{22}{7}$)?

- Ans**
- ☒ 1. 660 square centimeters
 - ☐ 2. 550 square centimeters
 - ☐ 3. 720 square centimeters
 - ☐ 4. 600 square centimeters

Q.81 In a right triangle with sides 5, x, and 13 units, where 13 is the largest side of the triangle, what is the value of $\tan \theta$ if θ is the angle opposite the side of length x?

- Ans**
- ☐ 1. 13/12
 - ☐ 2. 12/13
 - ☒ 3. 12/5
 - ☐ 4. 5/12

Q.82 The total surface area of a closed cylinder is 440 cm^2 . If its radius is 5 cm, find the height of the cylinder (in cm). (Use $\pi = \frac{22}{7}$)

- Ans**
- ☐ 1. 8 cm
 - ☒ 2. 9 cm
 - ☐ 3. 12 cm
 - ☐ 4. 10 cm

Q.83 The value of a machine depreciates by 20% in the first year, then again depreciates by 15% in the second year, and then appreciates by 25% in the third year. If its final value is ₹1,70,000, what was its original value?

- Ans**
- ☐ 1. ₹1,90,000
 - ☐ 2. ₹1,80,000
 - ☐ 3. ₹2,10,000
 - ☒ 4. ₹2,00,000

Q.84 A cuboid-shaped box without a lid has a length of 12 cm, a width of 8 cm, and a height of 5 cm. What is its outer surface area?

- Ans**
- ☒ 1. 296 cm^2
 - ☐ 2. 352 cm^2
 - ☐ 3. 480 cm^2
 - ☐ 4. 400 cm^2

Q.85 If a student deposits ₹5,000 at 4% per annum simple interest for 3 years, what is the simple interest earned?

- Ans**
- ☐ 1. ₹1,200
 - ☐ 2. ₹200
 - ☐ 3. ₹400
 - ☒ 4. ₹600

Q.86 What is the greatest number that can completely divide both 84 and 105 without leaving any remainder?

- Ans**
- ☐ 1. 14
 - ☐ 2. 7
 - ☒ 3. 21
 - ☐ 4. 42

Q.87 A shopkeeper exchanges 6 pens, each valued at ₹120, for 8 notebooks, each valued at ₹90. What is the profit or loss percentage in this exchange?

- Ans**
- ☐ 1. Profit of 10%
 - ☐ 2. Loss of 10%
 - ☐ 3. Loss of 20%
 - ☒ 4. No profit, no loss

Q.88 A sum of ₹5,000 is invested at an interest rate of 8% per annum for 2 years. What is the difference between the compound interest (compounded annually) and the simple interest earned during this period?

- Ans**
- ☐ 1. ₹24
 - ☐ 2. ₹16
 - ☒ 3. ₹32
 - ☐ 4. ₹40

Q.89 A pole is 10 meters tall and stands on level ground. If the angle of elevation to the top of the pole from a point on the ground is 45 degrees, how far is the point from the base of the pole?

- Ans**
- ☐ 1. 7.1 meters
 - ☐ 2. 14.1 meters
 - ☒ 3. 10.0 meters
 - ☐ 4. 5.0 meters

Q.90 If the ratio of the coefficients of x and y is equal, but not equal to the ratio of constants, what type of solution does the system have?

- Ans**
- ☒ 1. No solution
 - ☐ 2. Unique solution
 - ☐ 3. Infinite solutions
 - ☐ 4. No real solution

Q.91 A question is followed by two statements numbered (I) and (II). You have to decide the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Question: In which direction is point B with respect to point A?

Statement I: From A, a person walks 6 m north and then 8 m east to reach B.

Statement II: The shortest distance between A and B is 10 m.

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

Q.92 A, B, C, D, E and F have different ages. A is younger than exactly one person. F is younger than E but elder than B. C is younger than B and A is younger than D. Who is the youngest?

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

Q.93 Six people H, I, J, K, U and V are sitting around a circular table facing the centre of the table. U sits third to the left of J. H sits second to the left of U. Only J sits between I and H. V is not an immediate neighbor of I. How many people sit between K and H when counted from the right of K?

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

Q.94 Each letter in the word SCEPTOR is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is third from the left and the one which is third from the right in the new letter cluster thus formed?

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

Q.95 A question is followed by two statements numbered (I) and (II). You have to decide the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Question: Five students P, Q, R, S and T obtained different marks. Who scored the highest?

Statement I: R scored more than P and Q.

Statement II: S scored more than R but less than 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.96 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

UHH 1 VKJ -2 WNL 4 XQN -8 ?

- Ans
- ☐ 1. ZSO 16
 - ☐ 2. YSO 13
 - ☒ 3. YTP 16
 - ☐ 4. ZTP 13

Q.97 The mirror image of an accurate analog clock shows a time of 08:09 hrs. What is the real time shown in the clock?

- Ans
- ☒ 1. 03:51 hrs
 - ☐ 2. 04:41 hrs
 - ☐ 3. 02:51 hrs
 - ☐ 4. 03:41 hrs

Q.98 Mr. Zai starts from Point A and drives 8 km towards the South. He then takes a left turn, drives 9 km, then turns left and drives 29 km. He then takes a left turn and drives 14 km, then turns left and drives 10 km. He then takes a right turn and drives 7 km. He takes a final left turn, drives 11 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. 12 km to the east
 - ☐ 2. 11 km to the west
 - ☐ 3. 13 km to the east
 - ☐ 4. 14 km to the east

Q.99 If + means $\times$, - means +, $\times$ means $\div$, $\div$ means -, then what will come in place of the question mark (?) in the following equation?
 $16 + 4 \times 2 - 8 \div 6 + 3 = ?$

- Ans
- ☐ 1. 5
 - ☐ 2. 8
 - ☒ 3. 22
 - ☐ 4. 6

Q.100 Which of the following options is the closest approximate value that will come in place of the question mark (?) in the following equation?
 $15.02 + 8.98 \times 4.05 = ?$

- Ans
- ☐ 1. 33
 - ☐ 2. 75
 - ☒ 3. 51
 - ☐ 4. 60

Q.101 8 is related to 64 following a certain logic. Following the same logic, 9 is related to 81. To which of the following is 11 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. 121
 - ☐ 2. 122
 - ☐ 3. 110
 - ☐ 4. 120

Q.102 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. Grapes
2. Book
3. Chair
4. Door

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

Q.103 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 one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans  1. BDE
 2. CEF
 3. EHH
 4. JLM

Q.104 This question is based on the five, three-digit numbers given below.

(Left) 389 247 561 834 472 (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. 8
 2. 9
 3. 10
 4. 7

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

FEL GHN HKP INR ?

Ans  1. JQT
 2. KJY
 3. JHU
 4. KJU

Q.106 This question is based on the five, three-digit numbers given below.

(left) 256 481 357 623 524 (right)

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

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

Ans  1. 8
 2. 11
 3. 10
 4. 9

Q.107 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) % @ & £ L * L Ω X P Y N H £ H £ G Z M G Ω £ (Right)

How many such symbols are there each of which is immediately preceded by a vowel but not immediately followed by a vowel?

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

Q.108 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:

How is H related to G?

Statements:

(I): G has two children.

(II): H is the only daughter of the mother of G.

- 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.109 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. Stone
2. Grapes
3. Zebra
4. House

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

Q.110 B is the daughter of N. N is the father of U. U is the brother of Y. Y is the daughter of Z. Z is the ____ of B.

- Ans**
- ☐ 1. Sister
 - ☐ 2. Daughter
 - ☐ 3. Wife
 - ☒ 4. Mother

Q.111 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 — Kiran, Sunil, Priya, Deepa and Rahul — live on different floors of a five-storey building. The ground floor is numbered 1 and the top floor is numbered 5. On which floor does Kiran live?

Statements:

(I): Sunil lives above Kiran. Priya lives above Sunil.

(II): Deepa lives above Rahul. There is exactly one floor between Deepa and Rahul.

- 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.112 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)

7 - 15 - 31 - 55 ;

23 - 31 - 47 - 71

- Ans**
- ☒ 1. 34 - 42 - 58 - 84
 - ☒ 2. 27 - 35 - 51 - 75
 - ☒ 3. 25 - 33 - 49 - 74
 - ☒ 4. 39 - 47 - 63 - 89

Q.113 Each letters in the word GRACILE are arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is third from the left and the one which is second from the right in the new letter cluster thus formed?

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

Q.114 What should come in place of '?' in the given series?
5, 8, 13, 20, 29, ?

- Ans**
- ☒ 1. 39
 - ☒ 2. 41
 - ☒ 3. 40
 - ☒ 4. 38

Q.115 This question is based on the following words.
FIN, CAT, JET, PUN

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. 1
 - ☒ 2. 3
 - ☒ 3. 2
 - ☒ 4. 4

Q.116 Choose the option in which all the details of the given name and address are correctly reproduced.

Mrs. Priyanka M. Iyer
Flat No. 502, Coral Towers,
16, Residency Road,
Kochi, Kerala – 682016

- Ans**
- ☐ 1. Mrs. Priyanka M. Iyer, Flat No. 502, Coral Tower, 16, Residency Road, Kochi, Kerala – 682016
 - ☐ 2. Mrs. Priyanka M. Iyer, Flat No. 520, Coral Towers, 16, Residency Road, Kochi, Kerala – 682016
 - ☒ 3. Mrs. Priyanka M. Iyer, Flat No. 502, Coral Towers, 16, Residency Road, Kochi, Kerala – 682016
 - ☐ 4. Mrs. Priyanka N. Iyer, Flat No. 502, Coral Towers, 16, Residency Road, Kochi, Kerala – 682016

Q.117 Raksha starts from Point A and drives 51 km towards North. He then takes a left turn, drives 51 km, turns left and drives 54 km. He then takes a left turn and drives 64 km. He takes a final left turn, drives 3 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 degrees turns only unless specified)

- Ans**
- ☒ 1. 13 km to the west
 - ☐ 2. 14 km to the west
 - ☐ 3. 15 km to the east
 - ☐ 4. 16 km to the north

Q.118 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: What day of the week is June 15th in year 'K'?

Statement (I): January 1st of year 'K' is a Monday.

Statement (II): Year 'K' is not a leap year.

- 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.119 Six people A, G, K, M, R and U are sitting in a row, facing north. K sits third to right of A. A sits at one of the extreme ends. M sits immediately to the left of U. Only R sits between K and G. R sits second to the right of U. Who sits at the extreme right end of the row?

- Ans**
- ☒ 1. G
 - ☐ 2. U
 - ☐ 3. A
 - ☐ 4. K

Q.120 Refer to the following letter series and answer the question. Counting to be done from left to right only.

(Left) T U X A I V R K T T S Y O L W D T U X E X (Right)

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

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

Q.121 Seven boxes A, B, K, L, O, P and R are kept one over the other but not necessarily in the same order. Only two boxes are kept between B and K. Only P is kept above L. Only four boxes are kept between L and K. A is kept at some place below O but at some place above R. How many boxes are kept between O and R?

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

Q.122 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) * L Ω % Y E Ω & & C Y @ T £ P N # B L £ £ C (Right)

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

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

Q.123 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) D F # X D U @ Z * X % K * @ & \$ E £ W Ω & * (Right)

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

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

Q.124 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) 3 ≥ 7 9 \$ Δ 2 ≠ ± 8 \$ √ √ 8 ÷ 4 ∞ & ∞ ≤ 9 (Right)

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

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

Q.125 In a certain code language, 'PONY' is coded as '1572' and 'OPEN' is coded as '1357'. What is the code for 'E' in the given code language?

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

Q.126 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week.

R has an exam on Tuesday. Exactly 3 people have an exam between R and Q. T has an exam immediately before U and P has an exam immediately after U. Only 1 person has an exam between T and S.

How many people have exams before U?

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

Q.127 A, B, C, D, E and F 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 E and C. F lives immediately above C. E lives on an even numbered floor but not on floor number 4. E lives immediately above A. A does not live on the lowermost floor. Only D lives between B and C. Who lives on floor number 2?

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

Q.128 Five people D, H, J, O and W scored different marks. Only two people scored more than W. H scored less than O but more than J. No one has scored more than D. ___ has scored the second highest marks.

- Ans
- ☐ 1. D
 - ☒ 2. O
 - ☐ 3. W
 - ☐ 4. H

Q.129 Five people A, J, M, U and Z have different ages. Only two people are elder than Z. J is younger than A but older than M. No one is elder than U. ___ is the second oldest.

- Ans
- ☐ 1. M
 - ☒ 2. A
 - ☐ 3. U
 - ☐ 4. Z

Q.130 Each letter in the word LESION is changed to the letter immediately succeeding it in the English alphabetical order and then all the letters thus formed are arranged in the English alphabetical order. Which of the following letters will be fifth from the right in the new group of letters thus formed?

- Ans
- ☐ 1. M
 - ☐ 2. P
 - ☐ 3. O
 - ☒ 4. J

Q.131 If 8 December 1969 was a Monday, then what was the day of the week on 17 May 1972?

- Ans
- ☐ 1. Tuesday
 - ☐ 2. Thursday
 - ☐ 3. Saturday
 - ☒ 4. Wednesday

Q.132 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: Among 5 bamboos, J, L, O, V and Y, each having a different height, which bamboo is the shortest?

Statements:

(I) V is shorter than Y but taller than L. J is taller than L.

(II) O is taller than only one bamboo.

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

1. Script
2. Shooting
3. Editing
4. Release
5. Production

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

Q.134 In a row of 89 students facing north, Mr. Kwame is 20th from the left end. If Mr. Ebuka is 39th to the right of Mr. Kwame, what is Mr. Ebuka's position from the right end of the line?

- Ans**
- ☒ 1. 31st
 - ☒ 2. 29th
 - ☒ 3. 30th
 - ☒ 4. 32nd

Q.135 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $8 \times 4 + 6 - 2 \div 3 = ?$

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

Q.136 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. DZ-EI
 - ☒ 2. FB-GK
 - ☒ 3. XT-CD
 - ☒ 4. UQ-VZ

Q.137 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 birds are reptiles. No reptile is a mammal.

Conclusion (I): Some mammals are birds.

Conclusion (II): All birds are mammals.

Ans ☒ 1. Neither conclusion (I) nor (II) follows.

☐ 2. Only conclusion (II) follows.

☐ 3. Both conclusions (I) and (II) follow.

☐ 4. Only conclusion (I) follows.

Q.138 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 5 & 2 # 7 @ 8 % 1 \$ 4 + 9 6

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

Conditions –

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

(ii) If both second and third elements are even numbers, code the second element as the code for the third element.

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

5 8 4 & 1

Ans ☐ 1. PAHFK

☒ 2. FHHPK

☐ 3. PAAFQ

☐ 4. PAAFH

Q.139 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: What day of the week is October 2nd in year 'M'?

Statement I: March 1st of year 'M' is a Wednesday.

Statement II: Year 'M' is a leap year.

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.140 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 6853471, what will be sum of the highest and lowest digits in the number thus formed?

Ans ☐ 1. 11

☐ 2. 12

☒ 3. 10

☐ 4. 6

Q.141 E is the daughter of I. I is the father of U. U is the brother of V. V is the daughter of W. W is the ____ of E.

- Ans
- ☐ 1. Sister
 - ☒ 2. Mother
 - ☐ 3. Daughter
 - ☐ 4. Wife

Q.142 Choose the option in which all the details of the given name and address are correctly reproduced.

Ms. Kavita P. Sharma
House No. 18, Rosewood Enclave,
6, Park Street, Ballygunge,
Kolkata, West Bengal – 700019

- Ans
- ☐ 1. Ms. Kavita P. Sharma, House No. 18, Rosewood Enclave, 6, Park Road, Ballygunge, Kolkata, West Bengal – 700019
 - ☒ 2. Ms. Kavita P. Sharma, House No. 18, Rosewood Enclave, 6, Park Street, Ballygunge, Kolkata, West Bengal – 700019
 - ☐ 3. Ms. Kavita R. Sharma, House No. 18, Rosewood Enclave, 6, Park Street, Ballygunge, Kolkata, West Bengal – 700019
 - ☐ 4. Ms. Kavita P. Sharma, House No. 81, Rosewood Enclave, 6, Park Street, Ballygunge, Kolkata, West Bengal – 700019

Q.143 The position(s) of how many letters will remain unchanged if each letter in the word QUARTZ is arranged as per the English alphabetical order?

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

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

Question: In which direction is point K with respect to point P?

Statement I: From point K, drive 9 km east to reach point F.

Statement II: From point F, turn left and drive 4 km to reach point P.

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

Q.145 In a certain code language,
A o B means 'A is the father of B'
A √ B means 'A is the daughter of B'
A ! B means 'A is the mother of B'
A x B means 'A is the wife of B'

Based on the above, how is U related to L if 'U o V ! K x L'?

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

Q.146 All 28 students in a class are standing in a row facing north. If Amar is 7th from the right end while Manoj is 26th from the left end, ____ is the number of people standing between Amar and Manoj.

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

Q.147 OD 9 is related to PB 3 in a certain way. In the same way, QE 12 is related to RC 6. To which of the following is HK 16 related, following the same logic?

- Ans**
- ☐ 1. MJ 10
 - ☐ 2. KL 9
 - ☐ 3. OI 7
 - ☒ 4. II 10

Q.148 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.

? 5 # 4 7 9 1 & 8 \$ @ 3 ! %

ZYWXBRGNQMS AEF

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.

% 8 5 @ #

- Ans**
- ☐ 1. WQYSW
 - ☒ 2. FQYSW
 - ☐ 3. FXYSW
 - ☐ 4. FQYSY

Q.149 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.

SLAP - SPAL - PALS

HERO - HORE - OREH

- Ans**
- ☒ 1. BRIM - BMIR - MIRB
 - ☐ 2. TIDE - TDIE - EDIT
 - ☐ 3. BINS - BISN - INSB
 - ☐ 4. HEAR - EHAR - REAH

Q.150 If 3 September 2008 is a Wednesday, then what will be the day of the week on 16 April 2021?

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