SSC CGL Exam Day Based Paper (13 Oct 2026)

Q1. A man travels 100 km in 2 hours and 150 km in 3 hours. What is average speed?
(a) 65 km/h
(b) 50 km/h
(c) 60 km/h
(d) 55 km/h
Ans.(b)

Q2. Some conditional data is provided to you in form of statement you have to check which of the following statement are logically inference from given statement.
Statement: Every house on Maple Street has a red roof. The house at 123 Oak Street has a blue roof. What can we infer?
(a) 123 Oak Street is not on Maple Street
(b) The house was recently painted
(c) Oak Street is different from Maple Street
(d) The homeowner likes blue
Ans.(a)

Q3. Instruction: Choose the inference that are clearly supported by the statement.
Statement: All newly built residential complexes in the city are required to install solar panels, contributing to the city's goal of achieving 80% renewable energy usage by 2030.
Inference I: The city will achieve its goal of 80% renewable energy usage by 2030.
Inference II: Existing residential complexes are exempt from the solar panel installation requirement.
(a) Only Inference I follows
(b) Only Inference II follows
(c) Both Inferences I and II follow
(d) Neither Inference I nor II follows
Ans.(b)

Q4. What should come in place of ? in the given series based on the English alphabetical order?
SLE, CXS, ? , WVU, GHI
(a) COR
(b) HAP
(c) OWG
(d) MJG
Ans.(d)

Q5. Instructions: For the question below, carefully examine the Reference Statement. Then, identify the single option among the four alternatives (a, b, c, d) that is an EXACT AND COMPLETE REPLICATION of the Reference Statement. Pay exceptionally close attention to every character, number, symbol, space, and punctuation mark.
Reference: Shanghai: 2025.07.28, 14:00 CST.
(a) Shanghai: 2025.07.28, 14:00 CST.
(b) Shanghai: 2025.07.28, 14:00 Cs.t.
(c) Shangha: 2025.07.28, 14:00 CST.
(d) Shanghai: 2025.07.28; 14:00 CST.
Ans.(a)

Q6. In each question below is given a statement followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the suggested courses of action logically follow(s) for pursuing.
Statement: The city is facing severe water shortage due to delayed monsoon.
Course of action I: Implement strict water rationing immediately.
Course of action II: Encourage citizens to use more water to maintain hygiene.
(a) Only I follows
(b) Only II follows
(c) Both I and II follow
(d) Neither I nor II follows
Ans.(a)

Q7. Read the given statements and decide which of the conclusions given in the options do NOT logically follow from the statements.
Statements:
1. All rabbits are men.
2. Some men are batman.
3. No batman is a rabbit.
(a) Some batman are not rabbits but they are men.
(b) Some batmen are neither men nor rabbit.
(c) Some men are neither batman nor rabbits.
(d) Some batmen are both men and rabbits.
Ans.(d)

Q8. The statement given below is followed by two decisions labeled I, and II. You have to assume everything in the statement to be true, and then decide which of the two suggested decisions logically follows for pursuing.
Statement: All employees of the office have celebrated birthday of Mr. X and have taken photos/selfi in the restricted area of the office.
Decisions:
I. All staff should be suspended from job.
II. A show cause notice should be served to all staff.
ptions :
(a) Only I follows
(b) Both I and II follow
(c) Either I or II follow
(d) only II follows
Ans.(d)

Q9. Find the odd one out from the following:
Chair, Table, Couch, Carpet
(a) Table
(b) Carpet
(c) Couch
(d) Chair
Ans.(b)

Q10. The ratio of the present ages of A and B is 4:5. Five years from now, the ratio of their ages will be 5:6. What is the present age of B?
(a) 20 years
(b) 25 years
(c) 30 years
(d) 35 years
Ans.(b)

Q11. Directions: Choose the correct options from the alternative.
52 : ? : : 61 : 25
(a) 12
(b) 9
(c) 16
(d) 21
Ans.(b)

Q12. Find code for MATH
Matrix-I

	0	1	2	3	4
0	M	A	G	H	S
1	S	C	I	E	N
2	C	E	S	T	R
3	B	O	O	K	S
4	L	E	A	R	N

Matrix-II

	5	6	7	8	9
5	P	Q	R	S	T
6	U	V	W	X	Y
7	Z	A	B	C	D
8	E	F	G	H	I

Two matrices are provided: Matrix I uses row and column numbers 0 to 4. Matrix II uses row and column numbers 5 to 9. A letter is represented by row number, column number (for example, 23 means row 2, column 3 in Matrix I; 66 means row 6, column 6 in Matrix II). From the matrices, find the row-column codes for each letter in MATH in sequence, and select the correct option from the given alternatives.
(a) 00,01,59,03
(b) 01,00,95,03
(c) 59,02,01,03
(d) 00,01,03,02
Ans.(a)

Q13. Which number will replace the question mark (?) in the given matrix?

37	4	2	61
24	2	4	92
40	3	5	?

(a) 116
(b) 174
(c) 186
(d) 156
Ans.(b)

Q14. Select the correct combination of mathematical signs to replace (*) signs sequentially and to balance the given equation.
210 * 7 * 2 * 60 * 30 = 90
(a) ×, ÷, -, +
(b) +, ÷, ×, -
(c) ÷, ×, +, -
(d) -, ×, ÷, +
Ans.(c)

Q15. If
'A # B' means 'A is the father of B',
'A $ B' means 'A is the mother of B',
'A @ B' means 'A is the husband of B',
'A% B' means 'A is the wife of B'
'A = B' means 'A is the brother of B',
then how is P related to V in the following expression?
P @ Q $ U = R % S # V
(a) Mother's brother
(b) Paternal grandfather
(c) Father's brother
(d) Maternal grandfather
Ans.(d)

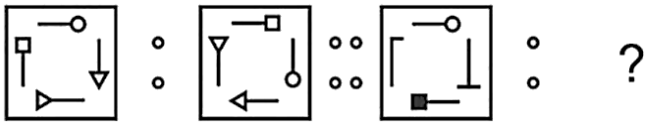
Q16. Address 1: Mrs. Priya Desai, 503/3, Orchid Boulevard, Hyderabad - 500090
Address 2: Mrs. Priya Desai, 503/3, Orchid Boulevard, Hyderabad - 500091
Are these likely to be the same?
(a) No, city codes do not match
(b) Yes, all major details match
(c) No, the flat numbers are different
(d) No, the postal codes are different
Ans.(d)

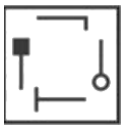
Q17. If ‘P = Q’ means ‘Q is the father of P’, ‘P + Q’ means ‘P is the sister of Q’, ‘P ? Q’ means ‘Q is the mother of P’, ‘P $ Q’ means ‘P is the brother of Q’, ‘P @ Q’ means ‘Q is the son of P’, ‘P × Q’ means ‘P is the daughter of Q’, then which of the following is NOT correct?
(a) ‘M × O @ P = Q’ means Q and O are husband and wife.
(b) ‘L $ M × O’ means O is the sister of L.
(c) ‘R × S ? T’ means R is the granddaughter of T.
(d) ‘P = Q ? R’ means R is the grandmother of P.
Ans.(b)

Q18. Read the situation and choose the best judgment:
You notice a close friend has shared a post on social media containing information that you know, from reliable sources, is factually incorrect and could potentially spread harmful misinformation to others. Your friend likely shared it believing it to be true.
Question: Given this situation, which of the following is the most ethical and responsible action?
(a) Publicly comment on their post, correcting the information and citing your sources.
(b) Ignore the post, as it might cause an argument or strain your friendship.
(c) Report the post to the social media platform, letting them handle the content moderation.
(d) Privately message your friend, gently explaining why the information is incorrect and providing reliable sources.
Ans.(d)

Q19. The criteria for selecting a candidate for the post of "Doctors' are as follow.
The candidate:
(a) must have completed M.D. Medicine with more than 85% marks.
(b) must have secured at least 85% marks in MBBS..
(c) must not be less than 32 years and not more than 45 years of age as on 1 January 2019.
However, if a candidate fulfils all the above criteria EXCEPT:
a. no. 2, but has got more than 90% marks in M.D. Medicine, his/her case is to be referred to the Head (HR).
b. no. 3, but has 3 years of practising experience, his/her case is to be referred to the Administrative Head.
Based on the criteria given and without assuming any additional information, you have to a take a decision for the following candidate.
Dr. Birbal has obtained 85% marks in both MBBS and M.D. (Medicine). He was born on 28 July 1985. He has worked at a reputed hospital for three years before applying for the current position.
(a) The candidate is to be selected.
(b) The candidate is not to be selected.
(c) The candidate's case is to be referred to the Head (HR).
(d) The candidate's case is to be referred to the Administrative Head.
Ans.(b)

Q20. Two figures given on the left side of (: :) are related with some logic/rule/relation. Select the missing figure on the right side of (: :) from the given alternatives based on the same logic/rule/relation.



(a) 

(b)

(c)

(d)

Ans.(a)

Q21. In the following questions some issues are provided to you. You have to mark the appropriate answer logically that can be taken in such circumstances.
You made a mistake that cost your team a client. What's the emotionally intelligent response?
(a) Blame others to protect your job
(b) Admit your mistake and discuss how to improve
(c) Ignore the issue and move on
(d) Over-apologize to everyone involved
Ans.(b)

Q22. What should come in place of '?' in the given series?
17, 32, 93, 460, 3213, ?
(a) 28908
(b) 35332
(c) 22484
(d) 25696
Ans.(b)

Q23. You are organizing a fundraising event. You can choose to charge a high ticket price for a small, exclusive event, or a low ticket price for a large, inclusive event. Your primary goal is to maximize total funds raised. Which decision is most effective?
(a) High ticket price, small event.
(b) Low ticket price, large event
(c) Carefully calculate potential attendance vs. ticket price to find the optimal balance.
(d) Don't charge anything, just ask for donations
Ans.(c)

Q24. Directions: Pick the correct options from the given alternatives
NEPAL : LAPEN : :JAPAN : ?
(a) NAPJA
(b) NAJPA
(c) NJPAA
(d) NAPAJ
Ans.(d)

Q25. In this type of questions, question is provided with some issues/disputes/problem, followed by few methods to resolve the problem in statement choosing the appropriate problem solving method that can be implemented.
A city's water supply is low. Officials are deciding between rationing and investing in short-term tanker distribution. What is immediate approach?
(a) Charge high fees for water
(b) Start rationing permanently
(c) Ignore and hope rain comes
(d) Deploy tankers temporarily while fixing main pipeline
Ans.(d)

Q26. The Global Peace Index, 2026 is released annually by which organization?
(a) World Economic Forum (WEF)
(b) United Nations Development Programme (UNDP)
(c) Institute for Economics & Peace (IEP)
(d) International Monetary Fund (IMF)
Ans.(c)

Q27. Consider the following two statements and answer as directed:
Assertion (A): The Directive Principles of State Policy are aimed at establishing a welfare State.
Reason (R): The Directive Principles were borrowed from the Constitution of Ireland.
Choose the correct option:
(a) Both A and R are true, and R is the correct explanation of A
(b) Both A and R are true, but R is not the correct explanation of A
(c) A is true, but R is false
(d) A is false, but R is true
Ans.(b)

Q28. Who is the author of Mudrarakshasa?
(a) Vishakhadatta
(b) Kalidas
(c) Bhavabhuti
(d) Sudraka
Ans.(a)

Q29. Consider the following statements about the Seventh Schedule of the Indian Constitution:
1. The Union List contains subjects of national importance such as defence, foreign affairs and currency.
2. Residuary powers are vested in the Union Parliament.
3. In case of a conflict between a Union law and a State law on a Concurrent List subject, the State law prevails.
Which of the statements given above are correct?
(a) 1 and 2 only
(b) 2 and 3 only
(c) 1 and 3 only
(d) 1, 2 and 3
Ans.(a)

Q30. Consider the following statements regarding the coverage provided under the Pradhan Mantri Fasal Bima Yojana (PMFBY):
1. The scheme provides coverage for certain losses occurring before sowing or when sowing cannot be undertaken.
2. Standing crops are insured against specified unavoidable risks such as drought, floods, cyclones, pests and diseases.
3. Certain post-harvest losses are covered for up to 14 days after harvesting.
4. The scheme covers all losses arising from war, riots and theft.
Which of the statements given above are correct?
(a) Only 1 and 2
(b) Only 2 and 3
(c) Only 1, 2 and 3
(d) Only 1, 3 and 4
Ans.(c)

Q31. Read the following Assertion (A) and Reason (R) carefully and choose the correct option: Assertion (A): The New Economic Policy of 1991 led to more efficient and competitive markets in India. Reason (R): Privatization reduced government control and improved productivity in public enterprises.
(a) Both A and R are true, and R is the correct explanation of A
(b) Both A and R are true, but R is not the correct explanation of A
(c) A is true, but R is false
(d) A is false, but R is true
Ans.(a)

Q32. Consider the following statements regarding the PM Vishwakarma Scheme:
1. The scheme was launched on 17 September 2023 to provide end-to-end support to traditional artisans and craftspeople.
2. The scheme is built around the three pillars of Samman, Samarthya and Samriddhi.
3. PM Vishwakarma provides collateral-free Enterprise Development Loans of up to ₹3 lakh in two tranches.

4. The scheme is open to only one member of a family, comprising the husband, wife and unmarried children.
Which of the statements given above are correct?
(a) 1 and 2 only
(b) 1, 2 and 3 only
(c) 1, 2, 3 and 4
(d) 1, 3 and 4 only
Ans.(c)

Q33. Who captained India to victory in the 2011 Cricket World Cup final win over Sri Lanka?
(a) Sourav Ganguly

(b) Mahendra Singh Dhoni
(c) Sachin Tendulkar
(d) Rahul Dravid
Ans.(b)

Q34. Who among the following as a non- member can participate in the proceedings of a house of Parliament?
(a) Vice President
(b) Chief Justice of India
(c) Attorney General of India
(d) Chief Election Commissioner
Ans.(c)

Q35. Which Sanctuary in India is famous for Rhinoceros and in which state is it located ?
(a) Ghosu, Nagaland
(b) Kaziranga, Assam
(c) Ranthambore, Rajasthan
(d) Corbett, Uttarakhand
Ans.(b)

Q36. Which book won the International Booker Prize in 2025?
(a) *Heart Lamp* by Banu Mushtaq
(b) *The Night Circus* by Erin Morgenstern
(c) *Pachinko* by Min Jin Lee
(d) *The White Tiger* by Aravind Adiga
Ans.(a)

Q37. Which prestigious international science prize honors breakthroughs in neuroscience or molecular biology (Brain Prize baseline)?
(a) The Brain Prize (Lundbeck Foundation)
(b) Kavli Prize in nanoscience
(c) Kyoto Prize in basic sciences
(d) Turing Award
Ans.(a)

Q38. Consider the following statements relating to money, banking and capital markets:
1. The Reserve Bank of India is the sole issuer of all currency in India, including one-rupee coins.
2. The Cash Reserve Ratio (CRR) is the share of deposits that banks must keep with the RBI.
3. SEBI is the statutory regulator of the Indian securities market.
Which of the statements given above are correct?
(a) 1 and 2 only
(b) 2 and 3 only
(c) 1 and 3 only
(d) 1, 2 and 3
Ans.(b)

Q39. Consider the following statements regarding the eligibility criteria under the Pradhan Mantri Anusuchit Jaati Abhyuday Yojana (PM-AJAY):
1. Villages having 40% or more SC population are eligible for grants under the Infrastructure Development component.
2. Villages must have a total population of at least 500 to be eligible for grants under the Infrastructure Development component.
3. Under the GIA component, priority is given to families/persons having an annual income of not more than ₹2.50 lakh.
Which of the statements given above is/are correct?
(a) 1 and 2 only
(b) 2 and 3 only
(c) 1 and 3 only
(d) 1, 2 and 3
Ans.(d)

Q40. Which expo did the Prime Minister inaugurate in January 2026, related to cultural heritage?
(a) Indian Heritage & Craft Expo
(b) Grand International Exposition of Piprahwa Relics
(c) Kala Utsav Expo
(d) World Cultural Fest
Ans.(b)

Q41. Match the following.
List-I (Festivals): I. Myoko Festival, II. Chapchar Kut, III. Sekrenyi, IV. Sangai
List-II (States): a. Arunachal Pradesh, b. Manipur, c. Mizoram, d. Nagaland
Select correct matching:
(a) I-b, II-a, III-d, IV-c
(b) I-a, II-c, III-d, IV-b
(c) I-a, II-b, III-c, IV-d
(d) I-b, II-d, III-a, IV-c
Ans.(b)

Q42. The 'Hindu Widow Remarriage Act' was passed on–
(a) 24 July 1856
(b) 25 July 1856
(c) 26 July 1856
(d) 28 July 1856
Ans.(c)

Q43. Consider the following two statements and answer as directed:
Assertion (A): The Preamble to the Indian Constitution describes India as a 'Sovereign Socialist Secular Democratic Republic'.
Reason (R): The words 'Socialist' and 'Secular' were part of the Preamble as originally adopted in 1949.
Choose the correct option:
(a) Both A and R are true, and R is the correct explanation of A
(b) Both A and R are true, but R is not the correct explanation of A
(c) A is true, but R is false
(d) A is false, but R is true
Ans.(c)

Q44. Consider the following statements regarding farmans associated with Mughal imperial authority:
1. Farmans functioned as formal orders issued by the sovereign.
2. Imperial seals authenticated such official documents.
Which of the statements given above is/are correct?
(a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
Ans.(c)

Q45. In which state/union territory is the Silent Valley National Park located, known for tropical evergreen forests?
(a) Karnataka
(b) Kerala
(c) Tamil Nadu
(d) Andhra Pradesh
Ans.(b)

Q46. Consider the following statements regarding Amir Khusrau's observations on India:
1. He recognised the linguistic diversity of different regions of India.
2. He regarded Sanskrit as the language exclusively understood by all Indians.
3. His writings provide useful evidence concerning the cultural diversity of medieval India.
Which of the statements given above is/are correct?
(a) 1 only
(b) 2 only
(c) 1 and 3 only
(d) 2 and 3 only
Ans.(c)

Q47. Which of the following best explains the core philosophy and operational implications of the Foreign Exchange Regulation Act (FERA), 1973, and why it became incompatible with India's post-1991 economic reforms?
(a) FERA was a liberal law that facilitated easy foreign currency inflows and allowed convertibility on capital account.
(b) FERA treated foreign exchange as a scarce commodity and imposed criminal liability for even minor violations.
(c) FERA primarily regulated exports and agricultural pricing to stabilize the rupee.
(d) FERA was introduced to replace FEMA due to increased globalization.
Ans.(b)

Q48. Consider the following statements about Harappan urban settlements:
1. Harappan sites have been identified across regions including present-day Pakistan, Gujarat, Rajasthan and Haryana.
2. The distribution of Harappan settlements indicates a geographically extensive civilisation rather than one confined to the Indus Valley alone.
Which of the statements given above is/are correct?
(a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2
Ans.(c)

Q49. 'Ranapa' is a martial dance associated with which of the following Indian states?
(a) Haryana
(b) Rajasthan
(c) Manipur
(d) Odisha
Ans.(d)

Q50. Actor Ishaan Khatter received honorary membership of which regiment in May 2026?
(a) 21 Rajput Regiment
(b) 45 Cavalry Regiment
(c) Sikh Light Infantry
(d) Grenadiers Regiment
Ans.(b)

Q51. ABCD is a trapezium in which BC||AD and AC=CD. If ∠ABC=20° and ∠BAC=131°, then what is the measure of ∠ACD (in degree)?
(a) 111°
(b) 128°
(c) 122°
(d) 113°

Ans.(c)

Q52. A factory has two machines, X and Y. Machine X can produce 200 units in 5 hours, and machine Y can produce 180 units in 6 hours. If both machines work together for 3 hours and then only machine X works for 2 more hours, how many units are produced in total?
(a) 350 units
(b) 310 units
(c) 290 units
(d) 280 units
Ans.(c)

Q53. Chitra gets a discount of 40% on a water cooler whose marked price is ₹2,200. Since she pays by credit card, she gets an additional 20% discount. How much does she pay (in ₹)?
(a) 1,055
(b) 1,059
(c) 1,058
(d) 1,056
Ans.(d)

Q54. The compound interest on a sum of ₹10000 for 2 years is ₹2544, when the interest is compounded annually. If the rate of interest per annum is halved and the time duration is doubled, then the compound interest (in ₹, correct to nearest paise) will be:
(a) 2724.67
(b) 2642.77
(c) 2742.67
(d) 2624.77
Ans.(d)

Q55. A regular hexagon is inscribed within a circle. If the area of the hexagon is $144\sqrt{3}$ square units, determine the ratio of the circumference of the circle to the perimeter of the hexagon.
(a) $\pi : 2$
(b) $3 : \pi$
(c) $\pi : 3$
(d) $2 : \pi$
Ans.(c)

Q56. The radius of a circle inscribed in a square is $5\sqrt{7}$ cm. Find the area (in cm^2) of the circumcircle. (Use $\pi = 22/7$)
(a) 550
(b) 1,155
(c) 1,000
(d) 1,100
Ans.(d)

Q57. A dishonest shopkeeper publicly guarantees to his loyal customers that he is selling his fresh produce at exactly his original cost price to clear out inventory. However, behind the counter, he secretly utilizes a faulty physical weighing stone that reads 1 kilogram but actually dispenses only 800 grams of product. Additionally, he marks up the display price by 10% before applying the "cost price" logic. Factoring in this extensive deceit, what is his actual overall profit percentage?
(a) 25%
(b) 30%
(c) 37.5%
(d) 40%
Ans.(c)

Q58. PQR is an equilateral triangle inscribed in a circle. Points S and T are on the major and minor arcs respectively. Find $\angle QSR$ and $\angle QTR$.
(a) $60°, 120°$
(b) $30°, 150°$
(c) $60°, 100°$
(d) $45°, 135°$
Ans.(a)

Q59. $\frac{1}{\sec A(1-\tan A)} + \frac{1}{\operatorname{cosec} A(1-\cot A)}$ is equal to:
(a) cos Asin A
(b) $\frac{1}{cosAsinA}$
(c) cos A - sin A
(d) cos A + sin A
Ans.(d)

Q60. The radii of two circles are 8 cm and 3 cm. The length of a common external tangent is 12 cm. What is the distance between their centers?
(a) 13 cm
(b) 14 cm
(c) 15 cm
(d) 16 cm
Ans.(a)

Q61. Find the value of x + $\frac{1}{x}$ if $\sqrt{x} + \frac{1}{\sqrt{x}} = 3$
(a) 5
(b) 7
(c) 11
(d) 9
Ans.(b)

Q62. A right prism has a square base with side 10 cm. The height of the prism is 12 cm. What is the total surface area?
(a) 1440 cm^2
(b) 160 cm^2
(c) 680 cm^2
(d) 200 cm^2
Ans.(c)

Q63. A number n is divisible by 7. When this number is divided by 4,6 and 8 , it leaves a remainder 3 in each case. The least value of n is
(a) 147
(b) 150
(c) 148
(d) 149
Ans.(a)

Q64. Solve $\sqrt{156+\sqrt{156+\sqrt{156+\ldots}}}$
(a) 11
(b) 12
(c) 14
(d) 13
Ans.(d)

Q65. Find the value $\frac{\cos^6\theta+\sin^6\theta+3\sin^2\theta\cos^2\theta}{\operatorname{cosec}\theta\sec\theta((\sin\theta+\cos\theta)^2-1)}$.
(a) 1/3
(b) 1/4
(c) – 1/2
(d) 1/2
Ans.(d)

Q66. The income of Raman is ₹43,800. He saves 20% of his income. If his income increases by 36% and expenditure increases by 40%, then his savings will:
(a) increase by ₹1,752
(b) decrease by ₹1,748
(c) increase by ₹1,757
(d) decrease by ₹1,753
Ans.(a)

Q67. Two trains, P and Q, start from stations S and T towards each other. They take 4 hours 48 minutes and 3 hours 20 minutes to reach T and S, respectively. If train P is running at 45 km/hr, then the speed of train Q is:
(a) 60 km/hr
(b) 54 km/hr
(c) 45 km/hr
(d) 50 km/hr
Ans.(b)

Q68. Rahul sells fruit juice by mixing fruit and water n the ratio of 17 : 8. Since Rahul's juice tastes good, Rohan prepares the same mixture by mixing m litres of water with 153 litres of fruit, following Rahul's recipe. Find the value of $\sqrt{\frac{m}{2}}$.
(a) 9
(b) 5
(c) 6
(d) 3
Ans.(c)

Q69. 100 men have provisions for 26 days. If 48 men have left, for how many days the same provisions would last for the remaining men?
(a) 54
(b) 48
(c) 50
(d) 52
Ans.(c)

Q70. If $\frac{\sin\alpha+\cos\alpha}{\sin\alpha-\cos\alpha}$ = 3, then the value of sin2α is:
(a) 3/5
(b) 2/5
(c) 4/5
(d) 1/5
Ans.(c)

Q71. The surface area of a sphere is numerically equal to the volume of a hemisphere of radius R/2 cm. If the surface area of the sphere is v cm^2, then find the value of $\left(\frac{12V}{\pi}\right)^{2/3}$ in terms of R.
(a) 2R
(b) R^3
(c) R^2
(d) R
Ans.(c)

Q72. Consider two fractions 2/7 and 3/17. Subtracting a third fraction from the sum of these fractions gives the average of all three fractions as 1/39. The third fraction is

(a) $\frac{677}{1549}$

(b) $\frac{679}{1541}$

(c) $\frac{596}{1547}$

(d) $\frac{683}{1543}$

Ans.(c)

Q73. The difference between compound interest (compounded annually) and simple interest for 3 years at the rate of 18% per annum is ₹25,758. What is the principal lent?

(a) ₹3,50,000

(b) ₹3,00,000

(c) ₹2,50,000

(d) ₹4,00,000

Ans.(c)

Q74. If a $^4 + b^4 = -a^2b^2$, then $a^6 - b^6 =$?

(a) 1

(b) 0

(c) −1

(d) 2

Ans.(b)

Q75. A 40 kg alloy of German Silver contains Copper and Zinc in some proportion. It has 10% Zinc. How much pure Zinc (in kg) should be added to the alloy so that the new mixture contains 20% Zinc?

(a) 4 kg

(b) 5 kg

(c) 6 kg

(d) 8 kg

Ans.(b)

Q76. Given below are six sentences taken from a paragraph. The first and the last sentences are numbered S1 and S2 and are placed in the first and last positions respectively and are fixed in their positions. The other four sentences between the first and last sentences are jumbled up and are numbered A, B, C and D. Rearrange the jumbled sentences in a logical sequence keeping the unity and coherence of the paragraph intact. Choose the correct alternative that best describes the sequence.

S1 Then the Spring came, and all over the country there were little blossoms and little birds.

A. The only people who were pleased were the Snow and the Frost.

B. Only in the garden of the Selfish Giant it was still winter.

C. The birds did not care to sing in it as there were no children, and the trees forgot to blossom.

D. Once a beautiful flower put its head out from the grass, but when it saw the notice-board it was so sorry for the children that it slipped back into the ground again and went off to sleep.
S2 "Spring has forgotten this garden," they cried, "so we will live here all the year round."
(a) CDAB
(b) BCDA
(c) DABC
(d) BACD
Ans.(b)

Q77. The following sentence has two blanks. Choose the most suitable set of prepositions from the given options to fill in the blanks and complete the sentence meaningfully:
The manager was alarmed ____ the delay and dissatisfied ____ the final outcome.
(a) by, with
(b) at, about
(c) at, with
(d) for, by
Ans.(c)

Q78. Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.
A. England wanted a share of the wealth that Spain had been taking from the lands it had claimed in the Americas.
B. Conflict had existed between Spain and England since the 1570s.
C. Elizabeth I, Queen of England, encouraged her staunch admiral of the navy, Sir Francis Drake, to raid Spanish ships and towns.
D. Though these raids were on a small scale, Drake achieved dramatic success, adding gold and silver to England's treasury and diminishing Spain's supremacy.
(a) ADCB
(b) BDAC
(c) BACD
(d) CDAB
Ans.(c)

Q79. Fill in the blank with the most appropriate phrase.
My best friend and I went to college in different cities and slowly found ourselves _____ though I tried to get close to him again.
(a) feeling apart
(b) drifting apart
(c) being apart
(d) walking apart
Ans.(b)

Q80. In the following sentence, a part of the sentence is bolded. Choose the correct alternative that best improves the bolded part.
She is considered the most intelligent of the two architects who designed the sustainable skyscraper project for the new business district.
(a) most intelligent between the two
(b) the more intelligent of the two
(c) more intelligent than the two
(d) intelligent of the two
Ans.(b)

Q81. From the options given below, choose the correct indirect narration for the following direct narration statement:
Timothy said, "How nice the food in the restaurant was!"
(a) Timothy exclaimed that the food in the restaurant was very nice.
(b) Timothy exclaimed that the food in the restaurant had been very nice.
(c) Timothy exclaimed that the food in the restaurant has been very nice.
(d) Timothy exclaimed that the food in the restaurant was been very nice.
Ans.(b)

Q82. A person who has an irrational fear of the number thirteen is known as a/an _____.
(a) Triskaidekaphobe
(b) Arithmophobe
(c) Numerologist
(d) Aichmophobia
Ans.(a)

Q83. Select the most appropriate meaning of the idiom “Kicking against the pricks”.
(a) To challenge an authority through a carefully planned strategy
(b) To waste one's efforts by resisting an unavoidable or powerful opposition
(c) To express anger over an insignificant personal inconvenience
(d) To suffer the consequences of one's own dishonest actions
Ans.(b)

Q84. Select the synonym of Reluctant.
(a) Willing
(b) Hesitant
(c) Prompt
(d) Eager
Ans.(b)

Q85. From the alternatives given below, select the correct passive voice of the following sentence.
The mason carved out a beautiful figurine from the block of solid granite which he had collected from the cliff.
(a) A beautiful figurine was carved out by the mason from the block of solid granite which had been collected by him from the cliff.
(b) A beautiful figurine has been carved out by the mason from the block of solid granite which had been collected by him from the cliff.
(c) A beautiful figurine was carved out by the mason from the block of solid granite which was collected by him from the cliff.
(d) A beautiful figurine had been carved out by the mason from the block of solid granite which had been collected from the cliff.
Ans.(a)

Q86. Identify the word that is incorrectly spelt.
(a) Flocculation
(b) Fluctuation
(c) Flocullation
(d) Fluctuating
Ans.(c)

Q87. Given below are six sentences taken from a paragraph. The first and the last sentences are numbered s1 and s2 and are placed in the first and last positions respectively and are fixed in their positions. The other four sentences between the first and last sentences are jumbled up and are numbered A, B, C, and D. Rearrange the jumbled sentences in a logical sequence keeping the unity and coherence of the paragraph intact. Choose the correct alternative that best describes the sequence.
S1 Sofia stood listening to the noise of the departing carriage which bore away her mother and sister.
A. As a child, when some wrong or injustice had been done her, she had cried all alone, when she was in bed, in the dark, and the habit had remained with her.
B. She was left alone, quite alone, as she had always wished to be left.
C. Certainly in these moments of complete solitude the consciousness of a great grief came over her;
D. Now, alone in the great drawing room, beneath the brightly lighted chandelier, her hands inert, her head resting against the back of her chair, her face wore an expression of great sorrow, the vivid reflection of a serious inward conflict.
S2 the sentiment of the reality, long repulsed, became clear, distinct, and cruel.
(a) CBAD
(b) BDAC
(c) ADCB
(d) BADC
Ans.(d)

Q88. Choose the option that is the most appropriate conversion of the following sentence into Active Voice.
The mystery had never been solved by anyone before the detective arrived.
(a) No one never solved the mystery before the detective arrived.
(b) No one had solved the mystery before the detective arrived.
(c) No one solves the mystery before the detective arrived.
(d) No one has solved the mystery before the detective arrived.

Ans.(b)

Q89. Change the following active voice sentence into passive voice by selecting the correct option.
The central government has introduced new welfare schemes.
(a) New welfare schemes are introduced by the central government.
(b) New welfare schemes have been introduced by the central government.
(c) New welfare schemes were introduced by the central government.
(d) New welfare schemes will be introduced by the central government.
Ans.(b)

Q90. Identify the grammatically correct form of the given sentence.
Sentence: My eyes popped wide open as I seen that the Greek salad was priced at six hundred rupees.
I. My eyes popped wide open as I seen that the Greek salad is priced at six hundred rupees.
II. My eyes popped wide open as I saw that the Greek salad was priced at six hundred rupees.
(a) Neither I nor II is correct
(b) Both I and II are correct
(c) Only II is correct
(d) Only I is correct
Ans.(c)

Q91. Select the option that expresses the given sentence in indirect speech.
The invigilator said to the candidates, "Do not leave the hall until the bell rings."
(a) The invigilator told the candidates that they do not leave the hall until the bell rings.
(b) The invigilator requests the candidates to not leave the hall till the bell rings.
(c) The invigilator instructed the candidates not to leave the hall until the bell rang.
(d) The invigilator said the candidates that they should not leave the hall until the bell rings.
Ans.(c)

Q92. Select the option that expresses the given sentence in indirect speech.
He said to me, "Had I known of your arrival, I would have postponed the meeting."
(a) He told me that if he knew of my arrival he would postpone the meeting.
(b) He told me that had he known of my arrival, he would have postponed the meeting.
(c) He told me that he had known of my arrival and had postponed the meeting.
(d) He said to me that if I had known of his arrival he would have postponed the meeting.
Ans.(b)

Directions (93-97): Read the following passage carefully and answer the questions that follow.
The Revolt of 1857 occupies an uneasy position in the history of colonial India. For the British administration, it was initially described as a mutiny—a military disturbance that threatened the established order. Later Indian nationalists interpreted it as an early expression of collective resistance against foreign domination. Neither description, however, fully captures its complicated character. The uprising began among sepoys whose grievances included the introduction of cartridges believed to be

greased with animal fat, but its expansion reflected deeper discontent with annexation policies, revenue demands, and interference in established social arrangements.

The revolt was neither geographically uniform nor ideologically consolidated. In some regions, dispossessed rulers and landholders sought to recover lost authority; elsewhere, peasants and soldiers acted against economic and administrative pressures. Leaders such as Rani Lakshmibai and Nana Sahib became enduring symbols of resistance, yet their objectives did not necessarily coincide with those of every group that participated. Several regions remained largely unaffected, while some influential Indian rulers supported the British. These differences caution against treating the rebellion as a fully coordinated national movement in the modern sense.

Nevertheless, the revolt produced consequences far beyond its immediate military outcome. In 1858, the British Crown assumed direct control of India, ending the East India Company's rule. The colonial government subsequently reorganised the army and adopted a more cautious approach towards certain princely states and social customs. Although the uprising failed to dislodge British power, it exposed the fragility of colonial authority and entered later nationalist memory as a powerful precedent. Its historical significance, therefore, lies not simply in victory or defeat, but in the tensions it revealed and the political imagination it helped shape.

Q93. What is the central argument of the passage?

(a) The Revolt of 1857 was a fully coordinated national movement whose primary objective was to establish democratic government.

(b) The Revolt of 1857 was a complex uprising whose significance extended beyond its military failure and varied across regions and groups.

(c) The British Crown assumed direct control of India because the revolt had successfully dismantled the East India Company's administration.

(d) The participation of certain Indian rulers on the British side demonstrates that the revolt was primarily a dispute among Indian elites.

Ans.(b)

Q94. Which of the following can be inferred about the different groups participating in the revolt?

(a) Their common opposition to British rule ensured that they shared identical political objectives.

(b) Their participation was determined exclusively by the cartridge controversy rather than by local grievances.

(c) Their involvement reflected overlapping but not necessarily identical grievances and ambitions.

(d) Their differences prevented the uprising from producing any lasting administrative consequences.

Ans.(c)

Q95. Which of the following best illustrates the passage's argument that the revolt was not geographically uniform?

(a) Different regions experienced varying levels of participation, and some influential rulers supported the British.

(b) The British Crown assumed direct control over India after the East India Company's rule ended.

(c) The use of controversial cartridges created resentment among Indian sepoys.

(d) Later nationalists remembered the revolt as a precedent for resistance against colonial rule.

Ans.(a)

Q96. If a historian applies the passage's reasoning to another rebellion, which approach would be most appropriate?
(a) Classify the rebellion as a national movement whenever participants share an opponent, regardless of their motives.
(b) Assess the rebellion exclusively through its final military outcome, since political consequences are secondary.
(c) Treat the official account as definitive unless the rebels establish a permanent government.
(d) Examine the participants' different motives, regional variations, immediate triggers, and long-term consequences before classifying it.
Ans.(d)

Q97. Which description best characterises the author's style?
(a) Celebratory and polemical, presenting the revolt as an unqualified triumph of national unity.
(b) Analytical and qualified, acknowledging the revolt's significance while recognising its limitations and internal diversity.
(c) Detached and dismissive, treating the revolt as an insignificant military disturbance without lasting effects.
(d) Prescriptive and speculative, arguing that the revolt should have followed a particular political strategy.
Ans.(b)

Q98. Among the two statements:
(I) Either Satish of Sejal takes out the garbage.
(II) Each of these prescriptions have side effects.
(a) Both are correct
(b) (I) is correct, (II) is incorrect
(c) (I) is incorrect, (II) is correct
(d) Both are incorrect
Ans.(d)

Q99. Choose the option that has an error in the sentence.
A bigger budget has been set aside for this years marketing campaign in Asia.
(a) A bigger budget
(b) has been set aside
(c) for this years
(d) marketing campaign in Asia.
Ans.(c)

Q100. What is the antonym of "Egregious"?
(a) Blatant
(b) Horrific
(c) Minor
(d) Appalling
Ans.(c)