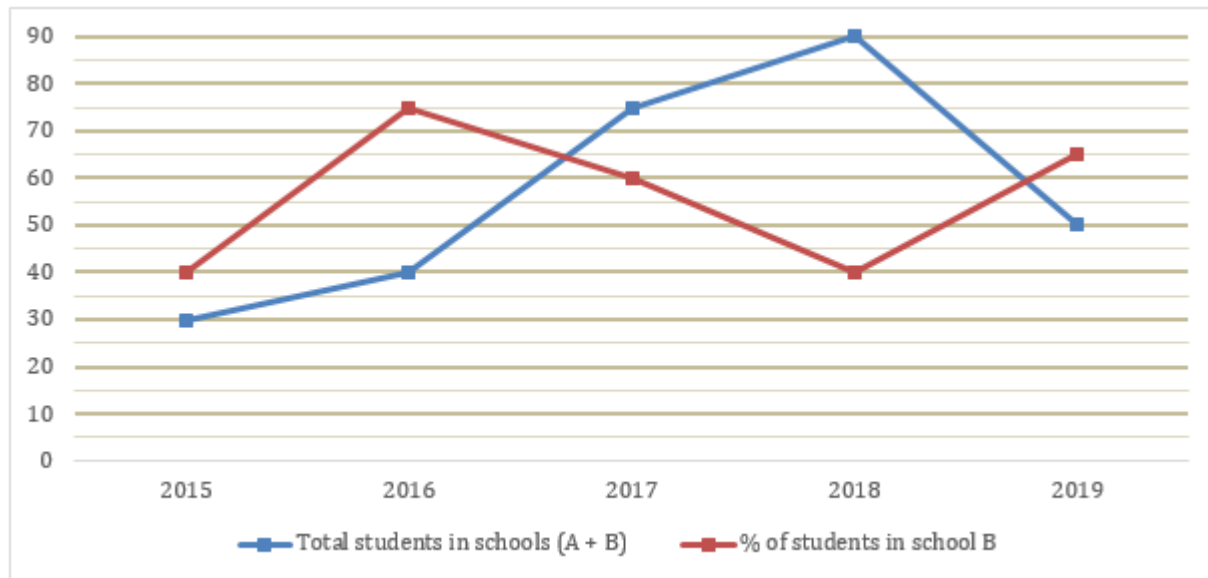


IOCL Marketing Officer| Computer Science IT Sample Paper

Directions (1-5): Line graph given below shows total number students (in hundred) of two different schools A and B together in five different years and also shows percentage of students in school B out of total students in schools A & B together in each given these five years. Read data carefully and answer the following questions:



Q1. Total number students in B in year 2017 and 2018 together is what percent more than total number students in A in year 2015?

- (a) 400%
- (b) 450%
- (c) 375%
- (d) 350%

Ans.(d)

Q2. What is the average number of students in A in 2015, 2017 & 2018?

- (a) 3400
- (b) 3250
- (c) 3500
- (d) 3200

Ans.(a)

Q3. If total students A in year 2020 is half of the total number of students A & B together in year 2016 and the ratio of total students in A to B in year 2020 is 5 : 3, then find total students in B in the year 2020 is how much less than total students in A in year 2019?

- (a) 450
- (b) 550
- (c) 600
- (d) 750

Ans.(b)



ALL EXAMS, **ONE** SUBSCRIPTION



Test. Analyze. Improve. Repeat.



**Don't just
prepare.
Perform.**

Test Prime – built only
for mock tests.



1,50,000+
Mock Tests



25,000+
Previous Year
Papers



800+
Exam
Covered



500%
Refund on
Selection



5 lakh+
Free Quizzes



Daily
Free PDFs



Top Alerts
Stay Updated

WHY TEST PRIME?

- ✓ Multilingual
- ✓ Detailed Solution
- ✓ Strong and Weak Areas
- ✓ All India Rankings



Safe & Reliable



Trusted by
Lakhs of Aspirants



Your Success,
Our Mission



**DOWNLOAD
TEST PRIME**

Your Success Partner!



Test

Prime



SUCCESS GALLERY!

★ MEET THE ACHIEVERS ★



Kunal, RRB JE



Shivam, UPSSSC AGTA



Priya, ANM



KHALILUR, LDA



Manoj, PWD



Atin, JENPAS



Shatarupa, OPSC



Arpita, JENPAS



Shital, SSC JE (Mech)



Nancy, UGC NET



Atul, SSC JE (ELCT)



Rahul, SSC JE (CIVIL)



Anand, SSC JE (ELCT)



Mohan, SSC JE (ELCT)



Saurabh, UGC NET



Ved, SSC JE (Mech)

★ THEY DID IT. YOU CAN TOO ★

READ THEIR STORIES!



Q4. Total students in A in 2015 & 2019 together is what percent (approximate) of total students in B in year 2018?

- (a) 91%
- (b) 107%
- (c) 93%
- (d) 99%

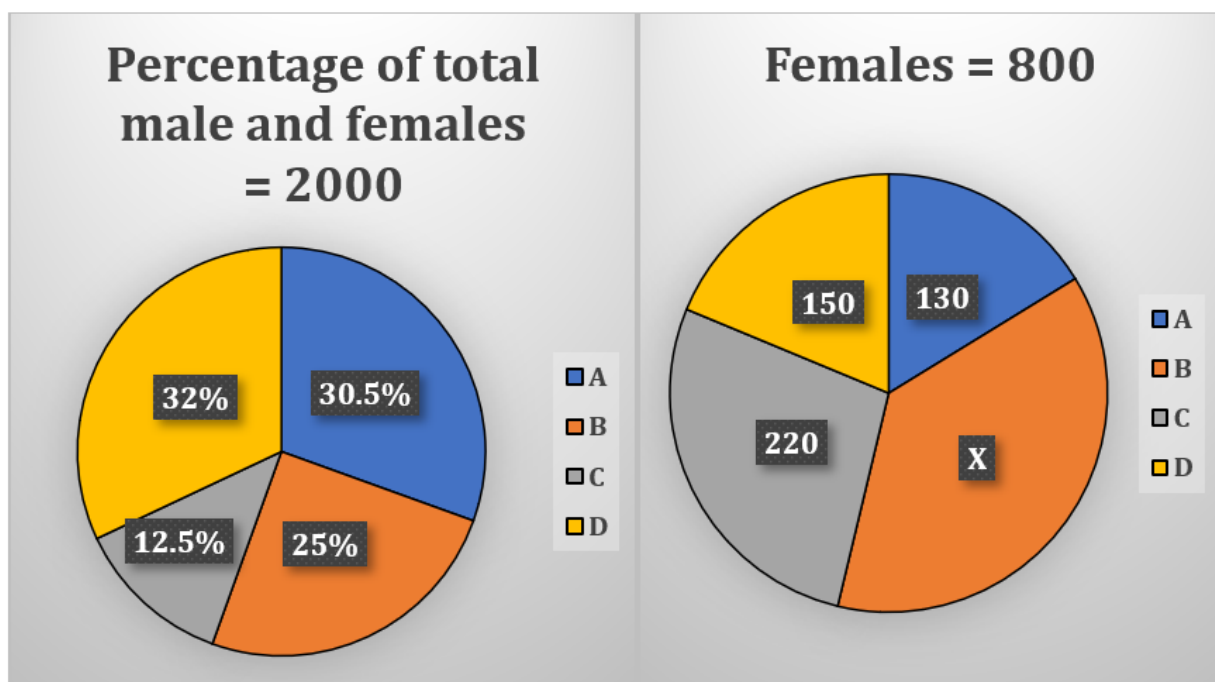
Ans.(d)

Q5. Find the ratio of total students in A in 2016 and 2019 together to students in B in year 2018?

- (a) 72 : 55
- (b) 55 : 72
- (c) 55 : 78
- (d) 55 : 74

Ans.(b)

Directions (6-10): Read the information carefully and answer the following questions. The pie chart shows the percentage of total students (male and females) in four colleges and another pie chart shows the number of females in these colleges.



Q6. Find the average number of males in B, C & D.

- (a) 240
- (b) 120
- (c) 360
- (d) 100

Ans.(a)

Q7. Find the ratio of males in college C and D together to females in A and C together.

- (a) 24:25
- (b) 52:35
- (c) 35:36
- (d) 9:10

Ans.(b)

Q8. Find the total females in C and B together is what percentage of total students in D.

- (a) 84.25%
- (b) 82%
- (c) 81.25%
- (d) 100%

Ans.(c)

Q9. In college E, total number of students is $3X$, out of that 35% are females. Find the males in E is what percentage more/less than total students in B.

- (a) 15%
- (b) 12%
- (c) 16%
- (d) 17%

Ans.(d)

Q10. Find the difference between total students in A & B together and twice the males in B.

- (a) 740
- (b) 720
- (c) 760
- (d) 710

Ans.(d)

Q11. Rahul bought a mobile phone at Rs A and sold it at Rs B, earning a 25% profit. If he had bought it at 20% less and sold it at Rs. 72 less, he would have made a 15% profit. Find the value of $(B - A)$.

- (a) 760/11
- (b) 650/11
- (c) 500/11
- (d) 600/11

Ans.(d)

Q12. The ratio of length, breadth, and height of a cuboid is 3:4:5. If the volume of the cuboid is 60000 cm^3 , and the length of a rectangle is 10% more than the length of the cuboid, and the breadth of the rectangle is 50% of the breadth of the cuboid, find the area of the rectangle (in cm^2).

- (a) 350
- (b) 440
- (c) 660
- (d) 850

Ans.(c)

Q13. Suresh takes two hours more than Mukesh to cover a distance of 300 km. If Suresh doubles his speed, he will be ahead of Mukesh by 30 minutes. Find speed of Mukesh is how much more than Suresh?

- (a) 60 kmph
- (b) 40 kmph
- (c) 80 kmph
- (d) 50 kmph

Ans.(b)

Q14. Golu travels from point A to point B with speed 45 km/hr and from point B to C with speed 30 km/hr. If the total distance between A to C is 100 km and the average speed of Golu for the whole journey is 37.5 km/hr, then find the distance between A to B (given that Point A, B and C in a straight line).

- (a) 55 km
- (b) 50 km
- (c) 70 km
- (d) 60 km

Ans.(d)

Q15. In quant section, two students P and Q score 55 as average marks. In reasoning section, P got 20% more marks and Q got 20% less marks as compare to quant section. Total marks obtained by both in reasoning is four less than total marks obtained by both in quant section. What will be difference between marks of P and Q in reasoning section.

- (a) 3
- (b) 4
- (c) 8
- (d) 2

Ans.(d)

Q16. A contractor employed 20 men to finish a work in 22 days. After 10 days he employed X men more, due to which work completed by them in 6 days less than projected. Find the value of X.

- (a) 20
- (b) 15
- (c) 14
- (d) 18

Ans.(a)

Q17. A mixture contains milk and water in the ratio 2 : 1. The total quantity of the mixture is 30 liters. If x liters of water are added to the mixture, the ratio of milk to water becomes 2 : 3. Find the value of x.

- (a) 10
- (b) 20
- (c) 30
- (d) 15

Ans.(b)

Q18. A and B invested Rs. 'P' and Rs. 'P+1000' respectively in a partnership. A left the business after 6 months and then C joined business with a capital of Rs. 6000. If at the end of one year from the beginning, profit share of C is Rs. 4500 out of total profit which is Rs. 10500, then find the total amount invested by A and B together? (in Rs.)

- (a) 2500
- (b) 4500
- (c) 6000
- (d) 5000

Ans.(d)

Q19. Rajat have some money in his hand. He invested 20% of the money in scheme 'A' for 4 years at 6% p.a., 30% of the amount in scheme 'B' for 6 years at 12% p.a., remaining in scheme 'C' 2 years at 25% p.a. If total amount Rajat received from scheme 'A', 'B' and 'C' is 11,355, then find the difference of sum invested in scheme 'B' and scheme 'A'.

- (a) 1800
- (b) 1500
- (c) 1200
- (d) 750

Ans.(d)

Q20. Pipes A, B, and C together can fill a tank in 8 minutes. Pipe A alone fills it in 12 minutes, and B alone fills it in 16 minutes. If pipe D is 50% more efficient than pipe A, then in how many minutes can pipes D and C together fill the tank?

- (a) 10.4
- (b) 9.6
- (c) 8.2
- (d) 7.6

Ans.(b)

Q21. In the word 'BLENDED', how many pairs of the letters have the same number of letters between them (both forward and backward direction) in the word as in the alphabet?

- (a) Five
- (b) Two
- (c) One
- (d) Three

Ans.(d)

Directions (22-26): Read the information carefully and answer the questions given below.

Eight persons – A, B, C, D, E, F, G and H are going on a bird-watching tour in eight different months, namely - January, March, April, May, June, August, October and November (not necessarily in the same order).

Each person likes a different bird, namely Sparrow, Eagle, Parrot, Peacock, Owl, Pigeon, Crow and Duck, but not necessarily in the same order.

G is going four months after the one who likes parrot. There was a gap of two months between G and the one who likes Eagle. The number of persons going after the one who likes eagle is one more than the number of persons were going before D. Two persons were going between D and the one who likes owl. The one who likes owl was going two months before B. Four persons were born between B and H. One person was going between H and A who likes Peacock. E was going immediately before the one who likes Pigeon. G and D doesn't like Sparrow. The one who likes Crow was going seven months after C.

Q22. Which of the following combinations is correct?

- (a) C – March – Duck
- (b) G – August– Crow
- (c) B –March– Eagle
- (d) D – May – Eagle

Ans.(d)

Q23. Who among the following was going in the month of August?

- (a) The one who likes Eagle.
- (b) The one who likes Sparrow.
- (c) C
- (d) The one who likes Duck.

Ans.(d)

Q24. Which bird does H like?

- (a) Owl
- (b) Duck
- (c) Crow
- (d) Sparrow

Ans.(d)

Q25. How many persons were going between the person who likes B and the person who likes Crow?

- (a) Six
- (b) Two
- (c) Three
- (d) Five

Ans.(d)

Q26. Which of the following statements is/are definitely true?

- (a) A goes in March
- (b) E likes Pigeon
- (c) A goes in June two months after C.
- (d) B likes Owl

Ans.(c)

Q27. If we form a five-letter meaningful word with 1st, 3rd, 5th, 8th and 10th letter from the left end of the word 'REPLACEMENTS' (using each letter only once), then what would be the fourth letter of that meaningful word? If no meaningful word is formed, then mark the answer as X. If more than one meaningful word is formed then, mark the answer as Z.

- (a) A
- (b) M
- (c) N
- (d) X

Ans.(d)

Directions (28-32): Read the given information carefully and answer the related questions:

Seven persons H, I, J, K, L, M and N are designated in different designations in a company, but not in the same order as given. The designations are: Chief Executive Officer (CEO), Chief Operating Officer (COO), General Manager (GM), Assistant General Manager (AGM), Manager, Senior Executive (SE) and Executive. The designations are given in decreasing order of seniority such that CEO is seniormost and Executive is junior most.

Each person has different years of experience — 1, 5, 6, 9, 12, 13 and 15 years, but not necessarily in the same order.

The one who has 1 years of experience is designated senior to GM. Only three persons are designated between M and the one who has 1 years of experience. The one who is designated immediate junior to M has years of experience which is a multiple of 5. J has even number of experience and is designated junior to AGM. Three persons are designated between J and N. I has 3 years' experience more than J. I is not designated as AGM. One person is designated between I and K. K is immediate senior to the one who has prime number years of experience but more than 9 years. N has two years of experience more than M. H has more years of experience than L.

Q28. What is the sum of years of experience of J, I and L?

- (a) 14
- (b) 15
- (c) 16
- (d) 17

Ans.(c)

Q29. Who is designated as Manager?

- (a) H
- (b) M
- (c) N
- (d) K

Ans.(b)

Q30. Which of the following is the correct combination?

- (a) K – AGM – 12

- (b) N – COO – 15
- (c) I – GM – 9
- (d) H – Executive – 5

Ans.(a)

Q31. What is the experience of the person who is designated as GM?

- (a) 12 years
- (b) 13 years
- (c) 15 years
- (d) 9 years

Ans.(c)

Q32. Who is designated immediately senior to H?

- (a) N
- (b) K
- (c) I
- (d) M

Ans.(d)

Directions (33-35): Study the following information carefully and answer the questions given below:
T is father-in-law of P who is mother of S. O is grandmother of W who is child of K. Both U and K are siblings. Q is sister of S but daughter of U's wife. V is father of W but only son in law of O.

Q33. How many female members are in the family?

- (a) Three
- (b) Four
- (c) Six
- (d) Can't be determined

Ans.(d)

Q34. If J is husband of W, then how W is related to U?

- (a) Niece
- (b) Mother
- (c) Sister
- (d) Aunt

Ans.(a)

Q35. How T is related to W?

- (a) Father-in-law
- (b) Father
- (c) Grandfather
- (d) Uncle

Ans.(c)

Directions (36-40): Study the following information carefully and answer the questions given below: Fourteen people are sitting in two parallel rows containing seven people each, in such a way that there is an equal distance between adjacent persons. In row-1 - A, F, C, E, M, B and D are sitting and all of them are facing south and G, H, L, I, J, K and N are sitting in row-2 and facing north direction.

One person sits between A and the one who faces H. A sits at one of the ends. Two persons sit between A and B. Two persons sit between H and the one who faces E. F and E sit adjacent to each other. F and L do not sit at any end. The person who faces F sits third to the left of I. Three persons sit between J and L. C and D sit adjacent to each other. C does not sit adjacent to B. N sits opposite to M. K faces the person who sits immediately right of D.

Q36. How many persons sit between E and B?

- (a) One
- (b) None
- (c) Three
- (d) Two

Ans.(a)

Q37. Who among the following person faces H?

- (a) I
- (b) E
- (c) D
- (d) F

Ans.(c)

Q38. How many persons sit to the left of G?

- (a) None
- (b) Two
- (c) Three
- (d) One

Ans.(d)

Q39. Who among the following person sits second to the right of N?

- (a) G
- (b) H
- (c) L
- (d) I

Ans.(c)

Q40. Four of the following five belong to a group in a certain way, who among the following does not belong to that group?

- (a) M
- (b) G
- (c) A
- (d) N

Ans.(b)

Directions (41-46): Read the following passage and answer the given questions. Certain words are highlighted to answer some of the questions.

The National Health Insurance Scheme (NHIS), which currently extends coverage to nearly 67 million low-income citizens across urban and semi-urban India, faced a severe operational crisis in early 2026 after the Union Health Ministry announced a temporary suspension of reimbursements to empanelled hospitals following a ₹34,000 crore budgetary shortfall attributed to delayed parliamentary approval of supplementary demands. The scheme, which covers approximately 8% of India's total population, had been disbursing an average of ₹2,800 crore monthly to over 11,000 empanelled hospitals nationwide. Within the first three weeks of the suspension, private hospitals in fourteen states began turning away non-emergency patients holding valid NHIS cards, while government hospitals in Uttar Pradesh and Bihar reported a collaborated surge of 42% in outpatient registrations as displaced beneficiaries sought alternative care.

Healthcare advocacy organisations such as the Jan Swasthya Abhiyan, which coordinates health rights campaigns across nearly 180 district networks nationally, warned that their community health volunteer networks were already overwhelmed. Dr. Meenakshi Pillai, a senior health economist at the Institute for Health Policy Research, stated, "*This is not a routine administrative delay; it is a systemic breakdown that has left one in twelve Indians without the medical coverage they were legally promised.*"

In her subsequent assessment, Dr. Pillai argued that the suspension would likely force an additional 4.2 million households into catastrophic health expenditure within two months if the impasse continued, and that tribal districts — where NHIS enrolment rates exceed 23% — would bear disproportionate consequences due to the near-complete absence of affordable private healthcare alternatives. She further noted that the rigid quarterly reimbursement cycle embedded in the scheme's operational framework had severely constrained hospitals' ability to absorb the payment gap, since most institutions carry operational reserves sufficient for only four to six weeks of uncompensated service delivery.

Meanwhile, six state governments announced provisional bridge financing drawn from their State Disaster Response Funds to maintain uninterrupted service at district and sub-district government hospitals for the most vulnerable categories of beneficiaries, including pregnant women, neonates, and patients undergoing active cancer treatment. However, health economists caution that these interim measures address, at best, only 9% of the total reimbursement backlog, leaving the fundamental question of the scheme's long-term fiscal architecture unresolved as the country moves deeper into 2026.

Q41. Which of the following statements is incorrect as per the passage?

- (a) NHIS covers approximately one in twelve Indians who lack guaranteed medical coverage
- (b) Private hospitals in over a dozen states began refusing non-emergency NHIS patients
- (c) State bridge financing covers less than one-tenth of the total reimbursement backlog
- (d) State emergency measures fully resolved the reimbursement crisis within the first month

Ans.(d)

Q42. A sentence from the passage has been presented in italics. Read it carefully and choose the option that most accurately expresses its meaning.

-
- (a) The delay is minor and will not impact healthcare access for most Indian citizens
 - (b) The breakdown reveals a deep structural failure denying legal medical entitlements to millions
 - (c) The delay shows the scheme was never strong enough to serve India's population adequately
 - (d) The breakdown is temporary and will resolve once parliamentary approval is obtained

Ans.(b)

Q43. Select the correct pair of words to replace the highlighted words in the passage. The replacements must follow the same order. If a highlighted word is already correct, it will be denoted by (Y).

- (a) limited, manage
- (b) regulated, distribute
- (c) (Y), accommodate
- (d) combined, (Y)

Ans.(d)

Q44. Consider the following statements:

- A. Tribal districts may face more severe consequences due to limited affordable private healthcare alternatives.
- B. All government hospitals across India completely stopped treating NHIS patients after the suspension.
- C. Jan Swasthya Abhiyan's volunteer networks were already under significant strain after the suspension.

Which can be inferred from the passage?

- (a) Only A
- (b) Only B
- (c) Only C
- (d) Both A and C

Ans.(d)

Q45. Consider the following statements regarding Dr. Pillai's assessment:

- A. Dr. Pillai considers the reimbursement suspension a routine delay with no lasting systemic implications.
- B. The rigid quarterly reimbursement cycle limited hospitals' capacity to absorb the payment gap effectively.
- C. Dr. Pillai predicted household health expenditure patterns would remain stable regardless of the impasse duration.

Which is/are correct as per the passage?

- (a) Only A
- (b) Only B
- (c) Only C
- (d) Both A and B

Ans.(b)

Q46. Consider the following statements:

- A. Jan Swasthya Abhiyan coordinates health rights campaigns across nearly 180 district networks nationally.
- B. NHIS monthly disbursements averaged approximately ₹2,800 crore to over 11,000 empanelled hospitals.
- C. State provisional bridge financing will completely eliminate the reimbursement backlog facing empanelled hospitals.

Which is/are true as per the passage?

- (a) Only A
- (b) Only C
- (c) Only A and B
- (d) Both B and C

Ans.(c)

Q47. In the following questions, few sentences are given. Choose and mark the sentence which contains no grammatical or contextual error in it. If all the sentences are grammatically and contextually incorrect, mark "All are incorrect" option as the answer choice.

- (a) The Prime Minister, together with several cabinet ministers, are attending the summit.
- (b) It is essential that every employee submits their monthly report by the last working day.
- (c) He was found guilty of committing fraud and was sentenced to five years' imprisonment.
- (d) The new policy will effects both salaried individuals and self-employed professionals.

Ans.(c)

Q48. In the following questions, few sentences are given. Choose and mark the sentence which contains no grammatical or contextual error in it. If all the sentences are grammatically and contextually incorrect, mark "All are incorrect" option as the answer choice.

- (a) The bank's annual profit have exceeded the targets set at the beginning of the fiscal year.
- (b) He refrained to speak about the merger until the official announcement was made.
- (c) A series of fraudulent transactions were detected by the internal audit team last quarter.
- (d) Notwithstanding the economic slowdown, the company managed to retain all its employees.

Ans.(d)

Q49. In each of the following questions, five options are given and you have to choose the one which has some or any grammatical error in it. In the questions where the fifth option is "all are correct" and all the given four options are correct, choose option (E) as your choice.

- (a) They have got to live a man's life, pushing all these things before them, and get on as well as they can.
- (b) Swiftly they drew near to the flaming colored suns, and passed close beside them.
- (c) According to the agreements reached at WTO, commitment was made by all member countries to keep import tariffs low and eliminate all non-tariff barriers which could curb imports.
- (d) When I offered him to help which he needed, he persisted in refusing it, so I left him to his fate.

Ans.(d)

Q50. In the following question, a few sentences are given. Identify the sentences that are grammatically and contextually incorrect.

(I) The students who have completed the assignments on time will receive extra credit from their instructor.

(II) Despite of the heavy traffic, we managed to reach the airport on time for our flight.

(III) She has been working on the project since six months, but there is still a lot left to do.

(a) Only (I)

(b) Both (II) and (III)

(c) Only (III)

(d) Both (I) and (III)

Ans.(b)

Q51. The mayor was not re-elected to his office because of his _____ to bring the city out of financial _____.

In each of the following questions, a sentence has been given with two blanks, following which five options give a pair of words each. Choose the most suitable option that fits both the blanks grammatically and contextually.

(a) inability, turmoil

(b) capability, prosperity

(c) competence, stability

(d) skill, development

Ans.(a)

Q52. _____ to the law, each public school must _____ the inclusion of special education students in traditional classrooms.

In each of the following questions, a sentence has been given with two blanks, following which five options give a pair of words each. Choose the most suitable option that fits both the blanks grammatically and contextually.

(a) complying, reject

(b) according, accommodate

(c) abating, exclude

(d) violating, promote

Ans.(b)

Q53. Even though the soldier saved many lives, his _____ would not allow him to _____ a medal for doing his job.

In each of the following questions, a sentence has been given with two blanks, following which five options give a pair of words each. Choose the most suitable option that fits both the blanks grammatically and contextually.

(a) bravery, decline

(b) heroism, elicit

(c) courage, reject

(d) dignity, accept

Ans.(d)

Directions (54-58): In the given passage few words are omitted which followed by a blank. For each blank, few options are given. Choose the correct word from the given options that can fit into the respective blank without altering the meaning.

Evidence on Early Childhood Education (ECE) suggests that children who _____ (A) in early and play-based learning activities have better _____ (B) outcomes than those who don't. The National Early Childhood Care and Education Curriculum Framework in 2013 _____ (C) a 'play-way' curriculum in all Anganwadi Centres (AWCs) and preschools. In 2018, the government launched the 'Transformation of Aspirational Districts' initiative. One of the _____ (D) involved capacity building, improving infrastructure, and nurturing a child-centric environment in the AWCs of these districts. The National Education Policy (NEP), 2020, _____ (E) universalizing Early Childhood Care and Education through Anganwadis. However, the advent of COVID-19 led to an abrupt halt in ECE services and progress.

Q54. Which of the following words will appropriately fits in the blank (A)?

- (a) transcribe
- (b) sabotage
- (c) wishes
- (d) engage

Ans.(d)

Q55. Which of the following words will appropriately fits in the blank (B)?

- (a) excessive
- (b) development
- (c) fundamental
- (d) judgmental

Ans.(b)

Q56. Which of the following words will appropriately fits in the blank (C)?

- (a) mandated
- (b) lamented
- (c) arbitrated
- (d) bequeathed

Ans.(a)

Q57. Which of the following words will appropriately fits in the blank (D)?

- (a) factor
- (b) components
- (c) series
- (d) discord

Ans.(b)

**Test
Prime**

By Adda247

PREVIOUS YEAR PAPERS PDF



PRACTICE MORE, SCORE HIGHER!



**Free
25,000+
PDF's**

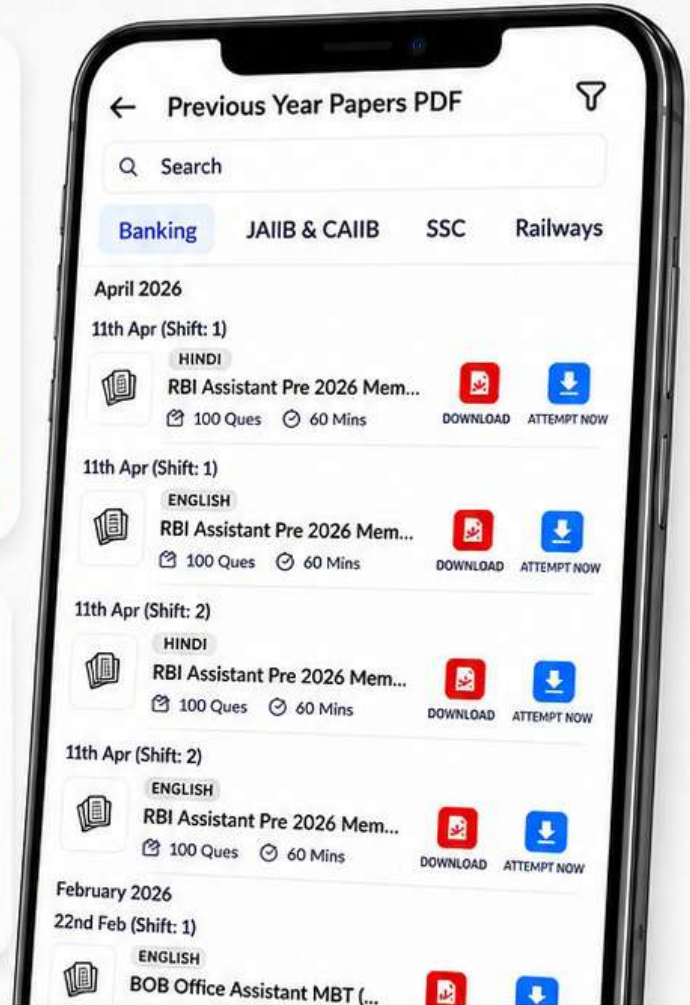
High-Quality | Exam-Wise | Updated Regularly



**ATTEMPT AS
MOCK**



Turn PDFs into real exam experience.
Analyze. Improve. Succeed.



Topic-wise &
Exam-wise PDFs



Download &
Study Offline



Attempt as Mock
& Track Score



Smart Analysis
& Performance

AVAILABLE IN



Banking



SSC



Railway



Teaching



UGC



Agriculture



Nursing



Bihar



UP



Punjab



WB



Odisha



TN



AP & Telangana



Haryana



DOWNLOAD TEST PRIME

Test

Prime



SUCCESS GALLERY!

★ MEET THE ACHIEVERS ★



Kunal, RRB JE



Shivam, UPSSSC AGTA



Priya, ANM



KHALILUR, LDA



Manoj, PWD



Atin, JENPAS



Shatarupa, OPSC



Arpita, JENPAS



Shital, SSC JE (Mech)



Nancy, UGC NET



Atul, SSC JE (ELCT)



Rahul, SSC JE (CIVIL)



Anand, SSC JE (ELCT)



Mohan, SSC JE (ELCT)



Saurabh, UGC NET



Ved, SSC JE (Mech)

★ THEY DID IT. YOU CAN TOO ★

READ THEIR STORIES!



Q58. Which of the following words will appropriately fits in the blank (E)?

- (a) subsume
- (b) enquires
- (c) envisions
- (d) limit

Ans.(c)

Q59. This was most compelling documentary I have ever seen on wildlife conservation.

In the following question, a part of the sentence is highlighted. Choose the correct replacement from the given options to make the sentence grammatically correct.

- (a) is most compelling
- (b) is the most compelling
- (c) is mostly compelling
- (d) is the most compelled

Ans.(b)

Q60. The book, which is published later on, quickly became a literary sensation.

In the following question, a part of the sentence is highlighted. Choose the correct replacement from the given options to make the sentence grammatically correct.

- (a) which was published posthumously,
- (b) who was published later on,
- (c) that was published latter on,
- (d) which is publish posthumously,

Ans.(a)