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EXAM ID. - 7942

SBI PO-CLERK MAINS

TEST SERIES

DATE - __/__/__

DAY -

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

A - 101

QUESTION – 100

MARKS – 100

NEGATIVE MARK – 0.25

DURATION – 60 MIN.

1. Use only ball pens with black or blue ink
2. As soon as the examination starts, you must check this question booklet and if there is any unprinted, mutilated or partially printed page or question in it, then replace it with the correct question booklet through Abhijagar.
3. There are total 100 questions in this question booklet.
4. This is an objective test, in which four options are given for the answer to each question, you have to choose only one option with the correct answer out of these four options.
5. Answers to all questions are to be written on separate answer sheets.
6. Instructions for filling the answer sheet are written on the back side of the answer sheet, read them carefully before filling the answer sheet.
7. Blank pages are available in this question booklet for rough work.
8. Candidates cannot leave the room before the end of the examination.
9. After the examination is over, you can go out with his permission by submitting the ORIGINAL COPY of the answer sheet to the invigilator.
10. After the completion of the examination, the candidate is allowed to take the question booklet and answer sheet with him/her.
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1. (QUES : 1 – 6) Direction: Read the given passage carefully to answer the following questions. Each question will have five alternatives as its answer. Choose the correct option as your answer.

White-collar hiring in India witnessed a 6% year-on-year decline in August following cautious sentiment in IT, insurance, auto, healthcare and BPO sectors, a report said on Monday. In August this year, there were 2,666 job postings, as against 2,828 job postings in the year-ago period. On a sequential basis, hiring went up by 4% in August 2023, as against 2,573 job postings in July 2023, according to the Naukri JobSpeak Index. The Naukri JobSpeak is a monthly Index representing the state of the Indian job market and hiring activity based on new job listings and job-related searches by recruiters on the resume database of Naukri.com. "Jobspeak Index for August 2023, reveals optimistic hiring sentiments being driven by non-IT sectors such as oil and gas, hospitality, and pharma." "The IT sector also showed positive signs, registering sequential hiring growth after declining for the past few months. This is a healthy indication of normalcy trends returning to the white-collar job market in India," Naukri.com Chief Business Officer Pawan Goyal added. The IT sector was a major laggard as new jobs created in the IT industry were 33% lower compared to the high base value in August last year.

Besides IT, sectors such as insurance, auto, healthcare, and BPO, also showed cautious hiring sentiments with a dip of 19%, 14%, 12%, and 10%, respectively, in new job creation compared to August last year, it added. Meanwhile, the oil and gas sector continued its upward trend with 17 per cent growth in hiring compared to August last year. The job growth for this sector is highest in the cities of Ahmedabad, Mumbai, Chennai, and Hyderabad. Experienced Professionals with over 16 years of experience remained the most sought-after candidates, it stated. The hospitality sector continued to hire aggressively and witnessed 14 per cent growth in new jobs created compared to August last year, it said. Driven by a renewed focus on R&D, the pharmaceutical sector witnessed a 12% growth in hiring compared to August last year, particularly strong in cities like Ahmedabad and Chennai. Further, it revealed that the number of open job vacancies related to AI functions increased sequentially in August by 8 per cent. The steepest jump was witnessed for ML engineers and full stack AI scientists, respectively, followed by other roles including data scientists and data analysts, it said.

Which of the given words is similar in meaning to "sequential" in the context of the passage?

- (a) Ebullient (b) Simultaneous
(c) Ubiquitous (d) Haphazard
(e) Consecutive

2. Which of the given words is opposite in meaning to "laggard" in the context of the passage?

- (a) Trailblazer (b) Sluggish
(c) Supercilious (d) Pernicious
(e) Ineffable

3. Which of the following sentence(s) is true according to the passage?

- A. Hiring in the IT sector showed signs of recovery, with sequential growth in August.
B. AI-related job vacancies experienced an 8% sequential increase in August.
C. The pharmaceutical sector witnessed a 12% increase in hiring, particularly in Ahmedabad and Chennai.

- (a) Only B (b) Both A & B
(c) Only A (d) Only C
(e) All A, B & C

4. According to the Naukri JobSpeak Index, how did hiring in August 2023 compare to hiring in July 2023 on a sequential basis?

- (a) It remained the same. (b) It decreased by 6%.
(c) It increased by 4%. (d) It increased by 12%.
(e) It decreased by 19%.

5. Which of the following is the central theme of the passage?

- (a) Decline in White-collar Hiring in India (b) Growth in the Oil and Gas Sector
(c) IT Sector's Hiring Trends (d) Job Growth in the Pharmaceutical Sector
(e) Increasing Demand for AI-related Roles

6. Which of the following options best describes the tone of the passage?

- (a) Analytical (b) Cautious
(c) Informative (d) Investigative
(e) Optimistic

7. In the following question, out of the five alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Danny was in danger of failing, so before his last math test, he left the show early to go home and hit the books.

- (a) To study (b) To Fail.
(c) To try again. (d) To know.
(e) To concentrate.

8. In the following question, out of the five alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

I used to try to strike while the iron was hot but barely ever succeeded.

- (a) To act quickly when the opportunity comes by (b) To fight with all power.
(c) To be successful. (d) To stand firm.
(e) To strike first

9. In the following question, out of the five alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

The striking workers say they just want to be paid what they're worth. They're not crying for the moon.

- (a) To be sensitive. (b) To have everyone's sympathy.

- (c) Be demanding. (d) To be egoistic.
(e) To make a demand that can't be fulfilled.

10. Direction: The provided sentence is divided into four parts: A, B, C, and D. Select the part that contains an error as your answer. If the sentence is free of errors, choose E, which corresponds to 'No error'.
Much media professionals feel (A) a growing dependence on algorithms (B) and automation threatens to undermine (C) the credibility and trustworthiness of journalism. (D) No error (E)

- (a) A (b) B
(c) C (d) D
(e) E

11. Directions: In the following question, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.
Sushant is the (A)/ best artist of the (B)/ time but, (C)/ unfortunately, least recognized (D)/. No error /(E)

- (a) A (b) B
(c) C (d) D
(e) E

12. Directions: In the following question, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the "No error" option.
The matter is (A)/ strictly irrelevance (B)/ at this point (C)/ in the proceedings (D)/. No error /(E)

- (a) A (b) B
(c) C (d) D
(e) E

13. Direction: The provided sentence is divided into four parts: A, B, C, and D. Select the part that contains an error as your answer. If the sentence is free of errors, choose E, which corresponds to 'No error'.
In youth, with high energy and focus, (A) adapting with challenges is easier, (B) but as we age, our diminishing (C) energy levels affect this ability. (D) No error (E)

- (a) A (b) B
(c) C (d) D
(e) E

14. In the following sentence, a part of the sentence has been printed in bold. One of the bold parts is not acceptable in Standard English. Pick up that part and mark its number. If there is no error in the bold parts, mark (5) i.e. 'No error' as the answer.
The gigantic Rath is adored with flowers and garlands and hauled by thousands of people.

- (a) Gigantic (b) Adored
(c) Garlands (d) Hauled
(e) No Error

15. In the following sentence, a part of the sentence has been printed in bold. One of the bold parts is not acceptable in Standard English. Pick up that part and mark its number. If there is no error in the bold parts, mark (5) i.e. 'No error' as the answer.

She peculiarly preferred the Versace purse embellished with diamonds and gold embroidery.

- (a) Peculiarly (b) Preferred
(c) Embellished (d) Embroidery
(e) No Error

16. In the following sentence, four words or phrases have been printed in bold. One of the bold parts is not acceptable in Standard English. Pick up that part and mark its number. If there is no error in the bold parts, mark (5) i.e. 'No error' as the answer.

The boisterous youth found the strengent regulations by the state difficult to adhere to.

- (a) Boisterous (b) Strengent
(c) Regulations (d) Adhere
(e) No Error

17. In the following sentence, a part of the sentence has been printed in bold. One of the bold parts is not acceptable in Standard English. Pick up that part and mark its number. If there is no error in the bold parts, mark (5) i.e. 'No error' as the answer.

The sari is a piece of clothing renowned for the myriade of ways in which it can be draped.

- (a) Piece (b) Renowned
(c) Myriade (d) Draped
(e) No Error

18. In the following sentence, a part of the sentence has been printed in bold. One of the bold parts is not acceptable in Standard English. Pick up that part and mark its number. If there is no error in the bold parts, mark (5) i.e. 'No error' as the answer.

Glazed pottery was popularised in India following the advant of Arab influence.

- (a) Glazed (b) Popularised
(c) Advant (d) Influence
(e) No Error

19. The question below contains five scattered segments of a sentence. Indicate the sequence which correctly assembles the segments and completes the sentence.

- A. it is the states and
B. health is a state subject
C. the Union territories that have
D. to deal with the crisis
E. in the final analysis

- (a) BEACD (b) ABCED
(c) ABDEC (d) DEBCA
(e) CDEAB

20. In the given question, a sentence has been divided into five parts. The question is followed by five options which give

possible sequences of the rearranged parts. You must choose the option that gives the correct sequence. If the sentence is already arranged correctly or if none of the options form the correct sequence, then choose option 5, i.e. 'None of the above'.

- A. there is an emerging convergence
- B. Sample Survey Office in January
- C. urban and rural India as captured
- D. in consumption habits between
- E. in the data put out by the National

- (a) EDACB (b) BEDAC
- (c) ADCEB (d) DEACB
- (e) None of the above

21. The question below contains five scattered segments of a sentence. Indicate the sequence which correctly assembles the segments and completes the sentence.

- A. from the market
- B. on their way back home
- C. in the terrible storm
- D. were caught
- E. Sophie and her mother

- (a) ABCDE (b) CBAED
- (c) BCAED (d) CABDE
- (e) EDCBA

22. The question below contains five scattered segments of a sentence. Indicate the sequence which correctly assembles the segments and completes the sentence.

- A) and began his career as a publisher
- B) in Indonesia in the nineteenth century
- C) was educated in the U.S
- D) the descendant of a Czech-Indonesian family
- E) that acquired plantations

- (a) ABCDE (b) CBAED
- (c) DACBE (d) EDBCA
- (e) DEBCA

23. Select the phrase/connector from the given three options which can be used to form a single sentence from the two sentences given below, implying the same as expressed in the statement sentence.

Indian cultural identity is one of the lesser resistant ones to changes. It is seen in the rapid progress of technology.

- 1- When
- 2- Hence
- 3- As

- (a) Only 1 (b) Only 2
- (c) Only 3 (d) Both 1 and 2
- (e) Both 2 and 3

24. Select the phrase/connector from the given three options which can be used to form a single sentence from the two sentences given below, implying the same as expressed in the statement sentences.

Traditional conflicts had existed between some First Nations people. When the first Europeans arrived, the dynamics of relationships changed.

- 1- because
- 2- but

3- too

- (a) Only 1 (b) Only 2
- (c) Only 3 (d) Both 2 and 3
- (e) Both 1 and 3

25. Select the phrase/connector from the given three options which can be used to form a single sentence from the two sentences given below, implying the same as expressed in the statement sentences.

The Toronto economy was allied with Montreal and the transatlantic trade via the St. Lawrence. It was not solely dependent on this economic sphere.

- 1- if
- 2- and
- 3- but

- (a) Only 1 (b) Only 2
- (c) Only 3 (d) Both 1 and 2
- (e) Both 1 and 3

26. (QUES : 26 – 30) Below, a passage is given with five blanks labelled (A)-(E). Below the passage, five options are given for each blank. Choose the word that fits each blank most appropriately in the context of the passage, and mark the corresponding answer.

According to Nietzsche, life is an instinct of growth, for survival, for the accumulation of forces and for power. Life itself is Will to Power, he affirms. He disregards all other values and virtues of life, which the rational ethical traditions of post-Socratic philosophies have (A). Instead, Nietzsche idealizes power and argues that nothing in life has value except the degree of power. He affirms that, where the will to power is lacking there is decline. This will to power is not just a will to survive or preserve one's existence. Instead, it is a (B) force: to act in life and not just to react.

The most important (C) in the path of realizing this will is moral and religious beliefs and the social establishments created to promote them. Nietzsche affirms that all morality and religion are against this, as all of them demand (D). They try to replace the will with obedience and the natural freedom with loyalty. Ancient culture was free from the (E) of these moral and religious traditions. With the emergence of the rational philosophical tradition of Plato and Aristotle, the decline begins. According to Nietzsche, they discounted the body as the seat of emotions and idealized the rational mind over the passionate will.

Which of the following is appropriate for blank labelled (B)?

- (a) Aggressive (b) Ardent
- (c) Dedicated (d) Proactive
- (e) Solicit

27. Which of the following is appropriate for blank labelled (A)?

- (a) Challenged (b) Absconded
- (c) Advocated (d) Assisted
- (e) Demanded

28. Which of the following is appropriate for blank labelled (C)?

- (a) Dynamic
- (b) Obstacle
- (c) Audacity
- (d) Hurdles
- (e) Remorse

29. Which of the following is appropriate for blank labelled (D)?

- (a) Concession
- (b) Submission
- (c) Admittance
- (d) Resilience
- (e) Penchant

30. Which of the following is appropriate for blank labelled (E)?

- (a) Girdle
- (b) Thistle
- (c) Grandeur
- (d) Grip
- (e) Cycle

31. (QUES : 31 – 33) Direction: Study the following information carefully to answer the given questions:

There are six persons M, N, O, P, Q and R, who have different heights and weights. O is taller than Q and R. Only R is heavier than Q. Number of persons taller than N is equal to number of persons shorter than Q. M is heavier than P and O but not than N. P is the tallest. Neither M nor N is shorter than O.

Who is the shortest?

- (a) P
- (b) M
- (c) O
- (d) R
- (e) Q

32. How many persons are heavier than M?

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

33. Who among the following is the lightest?

- (a) O
- (b) P
- (c) M
- (d) N
- (e) Cannot be determined

34. (QUES : 34 – 38) Directions: Study the following information carefully and answer the questions that follow.

Eight boxes numbered 1 to 8 are placed one above the other such that box 1 is placed at the bottom and box 8 is at the top. Each of the boxes contains books of different subjects viz Science, History, Hindi, Geography, Physics, Biology, English, and Chemistry not necessarily in the same order. Three books are kept between the Science book and History book. The Chemistry book is kept immediately below the Science book. Two books are kept between Chemistry book and English book. There are as many books between Hindi book and Geography book as between Chemistry book and History book. The physics book is kept immediately below the Geography book. The Science book is not kept above the History book. The

Biology book is not kept immediately below the History book.

Four of the following five are alike in a certain way, find out the one which does not belong to that group

- (a) Hindi
- (b) Biology
- (c) Chemistry
- (d) History
- (e) Physics

35. Which of the following statement is true as per the given arrangement?

- (a) Only two books are kept between History book and Science book.
- (b) Biology book is kept just above the Science book.
- (c) All of the given statements are true
- (d) Physics book is kept at even number position
- (e) None of the given statements are true.

36. How many books are kept between Hindi book and Science book?

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

37. Which of the following books is kept at the top?

- (a) Hindi
- (b) English
- (c) Physics
- (d) Geography
- (e) None of these

38. How many books are kept above the Geography book?

- (a) Three
- (b) Two
- (c) Four
- (d) Six
- (e) None of these

39. (QUES : 39 – 41) Direction: Study the following information carefully and answer the given questions.

In a certain code language,

'where are you from' is coded as 'er uo mr ae'

'we are playing chess' is coded as 'ew ig ae hc'

'where is chess player' is coded as 'er sd hc yr'

What is the code of 'where are chess'?

- (a) er hc ig
- (b) ae hc er
- (c) ig yr ae
- (d) ew hc sd
- (e) hc sd ae

40. What is the code of 'player'?

- (a) sd
- (b) yr
- (c) ew
- (d) ig
- (e) Either 1 or 2

41. In a certain code language, then what would be the code of 'we'?

- (a) uo
- (b) mr
- (c) ew
- (d) ig
- (e) sd

42. In a word "DISCRIPTION", if all letters are arranged in the alphabetical order, and then the consonants are changed to the 2nd previous letter and the vowels are changed to the next letter as per the English alphabetical series, then how many letters do not repeat more than once?

- (a) Seven
- (b) Four
- (c) Three
- (d) Five
- (e) Six

43. Direction: Following questions are based on five words given below.

SEA DIG IPL TOW FDN

(The new words formed after performing the mentioned operations may or may not necessarily be meaningful English words)

If in the given words, all the letters of each word are replaced by immediate succeeding letters in English alphabetical order, then how many words have no vowels?

- (a) 2
- (b) 3
- (c) 4
- (d) All five
- (e) 1

44. Direction: Following questions are based on five words given below.

SEA DIG IPL TOW FDN

(The new words formed after performing the mentioned operations may or may not necessarily be meaningful English words)

Which letter comes immediately before the second letter of the fourth word from left side in English alphabetical series?

- (a) P
- (b) N
- (c) Q
- (d) R
- (e) M

45. Direction: Following questions are based on five words given below.

SEA DIG IPL TOW FDN

(The new words formed after performing the mentioned operations may or may not necessarily be meaningful English words)

When first and last letter of each word is interchanged, then how many words will end with a consonant?

- (a) 3
- (b) 5
- (c) 2
- (d) 1
- (e) 4

46. (QUES : 46 – 50) Direction: Study the given information carefully and answer the related questions given below:-

There are 9 people J, K, L, M, N, O, P, Q, and R sitting around a circular table but not necessarily in the same order. Some of them are facing the center while some are facing outside.

P is sitting 2nd to the right of M, who is facing inside. Immediate neighbor of O faces the same direction but opposite to O. K is sitting 3rd to the left of M. Immediate neighbor of M faces the opposite direction to each other. O is sitting 2nd to the left of P, who is facing outside. J is an immediate neighbor of P and sitting 2nd to the left of R. R faces the same direction as M. N & L are neighbors and

faces the same direction. N is not an immediate neighbor of M. L faces the same direction as J. K and Q are facing the same direction.

How many people are facing out side of the center?

- (a) 1
- (b) 2
- (c) 3
- (d) 4
- (e) 5

47. How many people are facing out side of the center?

- (a) K
- (b) O
- (c) N
- (d) J
- (e) L

48. Who are the immediate neighbor of M?

- (a) L,J
- (b) L,Q
- (c) L,N
- (d) Q,P
- (e) None of these

49. Who is sitting 3rd to the left of L?

- (a) M
- (b) P
- (c) O
- (d) K
- (e) R

50. Who is sitting 2nd to the right of P?

- (a) Q
- (b) O
- (c) M
- (d) K
- (e) L

51. Direction: In the question below are given two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

Some Students are Men.

All the Boys are Men.

Conclusions:

I. Some Men are Boys.

II. Some Men are Students.

- (a) Only I conclusion follows
- (b) Only II conclusion follows
- (c) Either I or II follows
- (d) Neither I nor II follows
- (e) Both I and II follow

52. In the question below are given three statements followed by three conclusions numbered I, II and III. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

I. Some box are large

II. No big is box

III. Only a few large are small

Conclusions:

I. Some small is not large

II. Some box is not big

III. Some large are not small

- (a) Only conclusion I follows (b) Only conclusion II follows
(c) Both conclusions II and III follow (d) Both conclusions I and II follow
(e) Both conclusions I and III follow

53. Direction: In the question below are given three statements followed by three conclusions numbered I, II, and III. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

Some nuts are not almond.

All almond is soft.

No soft is good.

Conclusions:

I. Some nuts are almond.

II. No soft are almond.

III. No nuts are almond.

- (a) Only conclusion I follow (b) Only conclusion II follow
(c) Either conclusion I or II follow (d) Either conclusion I or III follow
(e) Both conclusion II and III follow

54. If it is possible to make only one 4 letters meaningful word without repetition of the letter with the First, third, seventh and the tenth letters of the word 'EXPERIMENTAL', which would be the third letter of the word? If more than one such word can be formed, give X as the answer. If no such word can be formed, give K as your answer.

- (a) M (b) P
(c) T (d) K
(e) X

55. Directions: In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

Statements:

$W > V = T < U > S = R \geq Q \leq P = O \geq N = L < M \geq K = J$

Conclusions:

I. $W = U$

II. $Q < O$

III. $O = Q$

- (a) Only I is True (b) Only II is True
(c) Only III is True (d) Either II or III is True
(e) Both II and III are True

56. Directions: In the following question assuming the given statements to be true, find which conclusion among the given conclusions is/are definitely true and then give your answer accordingly.

Statements: $A \leq C < D \geq F, G > I \geq F$

Conclusions:

I. $G \geq D$

II. $D > A$

- (a) Only II is True (b) Only I is True
(c) If either conclusion I or II is true (d) If neither conclusion I nor II is true
(e) If both conclusions I and II are true

57. Direction: In the following question assuming the given statements to be True, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

Statements: $U \geq O; M \leq K; K = D < O$

Conclusions:

I. $U > K$

II. $M \leq O$

- (a) Either I or II is True (b) Only II is True
(c) Only I is True (d) Both I and II are True
(e) Neither I nor II is true

58. (QUES : 58 – 62) Direction: Study the following information carefully and answer the question given below.

Eight girls K, L, M, N, O, P, Q, and R are sitting in a row facing the North direction. K is sitting two places away from one of the extreme ends. Only two girls are sitting between K and R. O is sitting fourth to the right of R. Only one person is sitting between N and K and they are not sitting at extreme ends of the line. P sits third to the left of N, who is not an immediate neighbour of L or Q. Q sits at one of the extreme ends.

What is the position of N in the arrangement?

- (a) Third to the right end (b) Fourth to left the end
(c) Second to the right end (d) Second to the left end
(e) Second to the left end

59. Who is sitting third to the right end?

- (a) O (b) R
(c) P (d) L
(e) K

60. How many person are sitting between K and L?

- (a) 1 (b) 2
(c) 3 (d) No one
(e) None of these

61. How many person is sitting to the right of O?

- (a) 4 (b) 3
(c) 2 (d) 1
(e) None

62. Who is sitting second to the left end?

- (a) N (b) L
(c) K (d) R
(e) None of the above

63. (QUES : 63 – 65) Directions: Study the information given below carefully and answer the questions that follow.

A man standing at point A walks to point B, located 8 km away from point A in the east direction. He takes a right turn from B and reaches point C after 6 km. He turns to his right from C covers 8 km and turn right at point D. He takes to the right after 6 km. Now, he moves in the left direction from A and stops at point E after 12 km. he takes right from E, covers 5 km to reach Point F.

What will be the shortest distance between A and C ?

- (a) 13 (b) 14
(c) 20 (d) 8
(e) 10

64. In which direction man is facing at point C ?

- (a) East (b) West
(c) North (d) South
(e) North - East

65. What will be the distance between D to A ?

- (a) 6 (b) 8
(c) 12 (d) 5
(e) 13

66. Two rectangle sheets of paper each 28 cm × 21 cm are made into two right circular cylinders, one by rolling the paper along its length and the other along with the breadth. The ratio of the volumes of the two cylinders thus formed is

- (a) 4 : 3 (b) 3 : 4
(c) 5 : 3 (d) 3 : 5
(e) None of these

67. Avni purchased bicycle after two successive discounts of 10% and 15% respectively. She further sold it to roshni at 20% profit. Roshni sold the same bicycle at 10% loss to harshita. If Roshni purchased the cycle at Rs. 1200 then calculate approximate marked price of cycle before discounts.

- (a) Rs. 1307 (b) Rs. 1460
(c) Rs. 1560 (d) Rs. 1660
(e) Rs. 1760

68. An old man is walking on a foggy road at a speed of x km/hr. Due to low visibility, the old man see only up to 600 meters. If a car overtakes the man from the behind with the speed of 15 km/hr then the man can see the car for 216 seconds. Find the speed of the man?

- (a) 2 km/hr (b) 3 km/hr
(c) 4 km/hr (d) 5 km/hr
(e) 6 km/hr

69. 40 kg mixture of sand and gravel is sold Rs.70 per kg. The price of sand is Rs.60 per kg and that of gravel is Rs.20 per kg. Find the amount of sand in the mixture if the mixture is sold at a profit of 25%.

- (a) 14 kg (b) 36 kg

- (c) 26 kg (d) 16 kg
(e) None of these

70. A Time taken by pipe P and Q to fill the tank is 120/23 minutes. Time taken by drain pipe S to empty the tank is 12 minutes more than pipe P to fill the tank. Time taken by pipe Q is 15 minutes. Ratio of time taken by R to fill up the tank and by pipe Q is 4 : 5. What is total time taken to fill the whole tank when all the pipes are open?

- (a) 28/3 minutes (b) 40/9 minutes
(c) 32/3 minutes (d) 17/5 minutes
(e) None of the above

71. A , B and C started a business with a capital of Rs. 24000, Rs. 18000 and Rs. 12000 respectively and they decided to share their profit according to the ratio of their capital but A is working partner and takes 37 ½ % of the total profit as salary. If C withdraws his capital after 6 months and profit after one year is Rs. 32,800 Rs. Then find the share of A?

- (a) Rs. 22,550 (b) Rs. 11,500
(c) Rs. 33,500 (d) Rs. 40,500
(e) None of these

72. A person covers 600 km distance between two big cities. He covers 1/3rd distance at 20 km/hr, 3/4th of the remaining distance at 15 km/hr and the remaining distance at x km/hr If average speed of man during journey is $17\frac{11}{17}$ km/hr, then, what is the value of x?

- (a) 20 (b) 24
(c) 30 (d) 25
(e) None of these

73. Present age of daughter is 7 years more than the half of the present age of son. Four years ago the ratio of ages of father to son is 21 : 10. Also the age of daughter is four years less than the half of the father's age. Find the father's present age.

- (a) 54 (b) 48
(c) 46 (d) 49
(e) 53

74. In the following question, two statements are numbered as A and B. On solving these statements, we get quantities A and B respectively. Solve both quantities and choose the correct option.

Quantity I: 25 women can complete the work in 20 days while 30 men can complete the work in 15 days. If 10 women and 5 men started the work for 6 days after that 2 men and 4 women left the work. In what time Remaining work gets completed?

Quantity II: 12 days

- (a) Quantity I ≥ Quantity II (b) Quantity I ≤ Quantity II
(c) मात्र I < मात्र II Quantity I < (d) Quantity I > Quantity II
Quantity II
(e) Quantity I = Quantity II or
No relation

- 75.** Direction: Given below are quantities named A and B. Based on the given information, you have to determine the relation between the two quantities. You should use the given data and your knowledge of mathematics to choose among the possible answer.
A person invests in two schemes. In the first scheme, he invests Rs. 30000 for six months, which earns simple interest of 7% annually. In the 2nd scheme, he invests Rs. 10000 monthly at 36% annual CI compounded monthly for three months.
Quantity A: Interest from 1st scheme
Quantity B: Interest from 2nd scheme
- (a) Quantity A \geq Quantity B (b) Quantity A \leq Quantity B
(c) Quantity A $>$ Quantity B (d) Quantity A $<$ Quantity B
(e) Quantity A = Quantity B or No relation
- 76.** In each of the following number series, the wrong number is given, find out that number.
1, 2, 4, 10, 16, 32, 64
- (a) 65 (b) 10
(c) 17 (d) 33
(e) None of the above
- 77.** In each of the following number series, the wrong number is given, find out that number.
5, 4, 7, 20, 79, 386, 2363
- (a) 4 (b) 7
(c) 20 (d) 386
(e) 79
- 78.** What approximate value should come in the place of question mark (?) in the following question?
 $(6.97^2 + 1.01) \times [2.98^2 + 3.03] \div 5.96 = ?$
- (a) 50 (b) 150
(c) 200 (d) 80
(e) 100
- 79.** What approximate value should come in the place of question mark (?) in the following question?
 $[(6.06/1.8) \times (22.02/0.49)] / [(56.2/7.02) \times (42.03/10.04)] = ?$
- (a) 7 (b) 1
(c) 6 (d) 5
(e) 4
- 80.** What approximate value should come in the place of question mark (?) in the following question?
 $(7.07^2 - 30.98) \times 2.98 \div (7.98^2 - 45.96) = ?$
- (a) 5 (b) 8
(c) 11 (d) 15
(e) 3
- 81.** In the following number series, a wrong number is given. Find out the wrong number.
31, 102, 165, 256, 345, 446, 562
- (a) 345 (b) 31
(c) 102 (d) 165
- (e) 256
- 82.** In each of the following number series, a wrong number is given. Find out that number.
100, 111, 133, 177, 265, 440
- (a) 440 (b) 111
(c) 133 (d) 177
(e) None of these
- 83.** In the following number series, a wrong number is given. Find out the wrong number.
3, 4, 10, 33, 135, 685
- (a) 33 (b) 135
(c) 10 (d) 685
(e) 3
- 84.** What approximate value should come in the place of question mark (?) in the following question?
 $(28.07 \times 4.97 + 15.01 \times 6.05) / (7.03^2 + \sqrt{256.02} + 13.13) = ?$
- (a) 6 (b) 9
(c) 7 (d) 5
(e) 3
- 85.** What approximate value should come in the place of question mark (?) in the following question?
 $(19.99)^2 \times [35.98 \times 24.04] \div (11.98 \times 1.98^2) = ?$
- (a) 5600 (b) 6400
(c) 9600 (d) 7200
(e) 8400
- 86.** In the given question, two equations numbered I and II are given. Solve both the equations and mark the appropriate answer.
I) $x^2 - 50x + 225 = 0$
II) $y^2 + 32y - 105 = 0$
- (a) $x > y$ (b) $x < y$
(c) $x \geq y$ (d) $x \leq y$
(e) $x = y$ or relation between x and y can not be determine.
- 87.** In the given question, two equations numbered I and II are given. Solve both the equations and mark the appropriate answer.
I) $2x^2 - 19x + 45 = 0$
II) $3y^2 - 17y + 20 = 0$
- (a) $x > y$ (b) $x < y$
(c) $x \geq y$ (d) $x \leq y$
(e) $x = y$ or relation between x and y can not be determined.
- 88.** In the given question, two equations numbered I and II are given. Solve both the equations and mark the appropriate answer
I) $x^2 - 13x + 42 = 0$
II) $y^2 + 13y - 68 = 0$
- (a) $x > y$ (b) $x < y$

- (c) $x \geq y$ (d) $x \leq y$
 (e) $x = y$ OR relation between x and y can not be established.

89. In the given question, two equations numbered I and II are given. Solve both the equations and mark the appropriate answer.

I) $3x^2 + 16x + 13 = 0$
 II) $y^2 + 9y - 36 = 0$

- (a) $x > y$ (b) $x \geq y$
 (c) $x < y$ (d) $x \leq y$
 (e) $x = y$ or the relation cannot be determined

90. In the given question, two equations numbered I and II are given. Solve both the equations and mark the appropriate answer.

I) $x^2 - 3x + 2 = 0$
 II) $y^2 - 5y + 6 = 0$

- (a) $x > y$ (b) $x < y$
 (c) $x \geq y$ (d) $x \leq y$
 (e) $x = y$ OR relation between x and y can not be established.

91. (QUES : 91 – 95) Directions: Answer the questions based on the information given below.

There are two societies 'A' and 'B'. Each society contains a certain number of employees who are working in 'public' sector jobs and 'private' sector jobs. The total number of employees living in society 'A' and society 'B', is in the ratio of 7 : 8 respectively. The number of employees who are working in 'public' sector jobs and 'private' sector jobs in society 'A' is in the ratio of 3 : 2 respectively. The number of employees who are working in 'public' sector jobs and in 'private' sector jobs in society 'B' is in the ratio of 5 : 3 respectively. The difference between the number of employees who are working in 'private' sector jobs for both societies is 16.

If the number of male employees who are living in society 'A' is 300 and 30% of female employees in society 'A', are working in 'private' sector jobs then find the total number of females who is working in 'private' sector jobs ?

- (a) 66 (b) 69
 (c) 72 (d) 75
 (e) 78

92. The total number of employees who are working in 'public' sector jobs in society 'A', is what percentage more/less than the total number of employees who are working in 'private' sector jobs in society 'B'?

- (a) 40% (b) 60%
 (c) 80% (d) 100%
 (e) 120%

93. Find the difference between the number of employees who are working in 'public' sector jobs for both societies ?

- (a) 56 (b) 60

- (c) 64 (d) 68
 (e) 72

94. What is ratio between the number of employees who are working in 'private' sector jobs for both societies?

- (a) 4 : 9 (b) 8 : 9
 (c) 8 : 15 (d) 14 : 15
 (e) 16 : 27

95. Find the average number of employees living in both societies?

- (a) 450 (b) 600
 (c) 750 (d) 900
 (e) 1050

96. (QUES : 96 – 100) Directions: Read the following information carefully and answer the questions based on it.

The given table shows the number of students, who scored below 60% marks, below 80% marks and more than 80% marks from different schools.

Name of School	Number of Students securing below 60% marks	Number of Students securing below 80% marks	Number of Students securing 80% or more marks
Lohit	200	230	40
Ganga	220	260	55
Godavari	300	380	20
Krishna	280	300	35
Kaveri	240	320	10

Which school has the third highest number of students?

- (a) Lohit (b) Ganga
 (c) Kaveri (d) Godavari
 (e) Krishna

97. Which school has the highest percentage of students scoring 60 percent or more marks?

- (a) Kaveri (b) Ganga
 (c) Godavari (d) Krishna
 (e) Lohit

98. How many students scored more than 60% marks but less than 80% marks in all school together?

- (a) 300 (b) 350
 (c) 280 (d) 250
 (e) None of these

99. Students scoring more than 80% marks in Ganga are what percent of the total number of students in Kaveri?

- (a) 16.66% (b) 12.5%

- (c) 14.28% (d) 25%
(e) None of these

100. How much percentage of students scored 80 percent or more marks, when all the schools are put together?

- (a) 9.12% (b) 9.99%
(c) 11.57% (d) 11.11%
(e) 9.69%

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