## PO EXAM PAPER Punjab \& Sindh Bank

## TEST I <br> REASONING ABILITY

1. In a certain code 'PLANT' is written as '\$@2*' ${ }^{\prime}$ ' and 'YIELD' is written as ' $\beta 64 @ \%$ '. How is 'DELAY' written in that code?
(1) $\beta 4^{*} 2 \%$
(2) $\beta 4 @ 2 \%$
(3) $\% 42 @ \beta$
(4) $\% 4 @ 2 \beta$
(5) None of these
2. How many meaningful English words can be formed with the letters ARILT using each letter only once in that word?
(1) None
(2) One
(3) Two
(4) Three
(5) More than three
3. D said, "A's fathers is only brother of my sister's son." How is A's father related to D ?
(1) Cousin
(2) Nephew
(3) Aunt
(4) Data Inadequate
(5) None of these
4. If the positions of the first and the second digit within each number are interchanged, which of the following
will be the second highest number?
(1) 632
(2) 783
(3) 576
(4) 895
(5) 394
5. If the first and second digits of each of the numbers are added the resulting sum of which of the following numbers will not be exactly divisible by 3 ?
(1) 895
(2) 394
(3) 576
(4) 632
(5) 783
6. If 2 is added to the last digit of each number and then the positions of the first and the third digit are interchanged, which of the following will be the highest number?
(1) 576
(2) 895
(3) 783
(4) 394
(5) 632
7. If ' A ' is coded as $1, ~ ' \mathrm{~B}$ ' as $3, ~ ' ~ C ' ~ a s ~ 5 ~$ and so on, which of the following is the numerical value of the word 'FAZED'?
(1) 81
(2) 79
(3) 77
(4) 80
(5) None of these
8. Which of the following pairs of words

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have the same relationship as FAN : HEAT?
(1) Water : Drink(2) Light : Night
(3) Teach : Student
(4) Air : Breathe
(5) Food : Hunger
9. Q types faster than $R$ but not as fast as V. T types faster than R. S types faster than V . Who amongst the five of them types the fastest?
(1) V
(2) T
(3) S
(4) Data Inadequate
(5) None of these
10. If ' $\mathrm{B} \times \mathrm{C}^{\prime}$ means ' B is the daughter of $C^{\prime}, ' B+C^{\prime}$ means ' $B$ is the husband of $C^{\prime}$ and ' $B-C^{\prime}$ means ' $B$ is the sister of $C^{\prime}$, then what does ' $M+N-P \times Q^{\prime}$ mean?
(1) M is the brother-in-law of Q
(2) $M$ is the uncle of $Q$
(3) $M$ is the son-in-law of $Q$
(4) Q is the mother-in-law of M
(5) None of these

11-15. Study the following arrangement carefully and answer the questions given below:

## RDAK 5 BI 2 MJEN 97 UZV1W 3 H 4

 FY8P6TG11. How many such numbers are there in the above arrangement, each of which is immediately preceded by a consonant and immediately followed by a vowel?
(1) None
(2) One
(3) Two
(4) Three
(5) More than three
12. Which of the following is the eighth to the left of the seventeenth from the left end?
(1) M
(2) J
(3) 8
(4) 5
(5) None of these
13. Four of the following five are alike in a certain way based of their positions in the above arrangement?
(1) E 9 J
(2) Z 1 U
(3) $\mathrm{HWW}_{4}$
(4) Y 48
(5) B 2 K
14. Which of the following is the sixth to the right of the nineteenth from the right end?
(1) 5
(2) Z
(3) V
(4) 1
(5) None of these
15. How many such consonants are there in the above arrangement, each of which is immediately preceded by a number and immediately followed by another consonant?
(1) None
(2) One
(3) Two
(4) Three
(5) More than three

16-20. Each of the questions below consists of a equation and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read the statements and $\qquad$
Give answer (1) if the data in statement I alone are sufficient to answer the question, while the data in

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statement II alone are not sufficient to answer the question.
Give answer (2) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
Give answer (3) if the data either in statement I alone or in statement II alone are sufficient to answer the question.
Give answer (4) if the data given in both the statement I \& II together are not sufficient to answer the question, and
Give answer (5) if the data in both the statement I \& II together are necessary to answer the question.
16. How is 'never' written in a code language?
I. 'never ever go there' is written as 'na ja ni ho' in that coed language.
II. 'go there and come back' is written as 'ma ho sa ni da' in that code language.
17. Among $\mathrm{M}, \mathrm{P}, \mathrm{K}, \mathrm{J}, \mathrm{T}$ and W , who is lighter than only the heaviest?
I. P is heavier than M and T .
II. W is heavier than P but lighter than J who is not the heaviest.
18. What does ' $\$$ ' mean in a code language?
I. ' $5 \$ \# 3$ ' means 'flowers are really good'.
II. '7\#35' means 'good flowers are available'.
19. How is $P$ related to $J$ ?
I. M is brother of P and T is sister of $P$.
II. P's mother is married to J's husband who has one son and two daughters.
20. How many students are there between Suresh and Mohan in a row of fifty students?
I. Suresh is twelfth from the left end and Mohan is seventeenth from the right end.
II. Suresh is six places away from Jayesh who is twentieth from the left end.

21-25. In each of the following question, a group of letters is to be coded by numbers/ symbol codes as per the codes given below and the conditions that follow. In each question, a group of letters is given followed by groups of numbers/symbol code numbered (1), (2), (3) and (4). The correct combination of codes is your answer. If none of the four combinations is correct, you answer is (5), i.e. 'None of these'.

| Letters | $:$ | P | D | A | F | L | H | M | R | K | T | B | E | U |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Number/Symbol Code | $:$ | 3 | 6 | $\#$ | 8 | $\$$ | 4 | 2 | 7 | $@$ | 9 | 5 | 1 | $\%$ |

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Conditions: (I) If the first letters is a vowel and the last letter is a consonant, both are to be coded as ' 0 '.
(II) If the first letter is a consonant and the last letter is a vowel, both are to be coded as ‘© ${ }^{\text {' }}$.
(III) If the first as well as the last letter are vowels, both are to be coded as the code for first letter.
21. KEDURT
(1) @16\%7@
(2) $916 \% 7 @$
(3) $916 \% 79$
(4) @16\$79
(5) None of these
22. EDRTMP
(1) 167923
(2) 167921
(3) 067920
(4) 067923
(5) None of these
23. FHRAMU
(1) $847 \# 28$
(2) \%47\#28
(3) $847 \# 2 \%$
(4) ©47\#2®
(5) None of these
24. ULTPHE
(1) \%\$934\%
(2) $1 \$ 9341$
(3) $\% \$ 9341$
(4) 1\$934\%
(5) None of these
25. HKEDLB
(1) $5 @ 16 \$ 4$
(2) $4 @ 16 \$ 5$
(3) $\bigcirc @ 16 \$ 4$
(4) $0 @ 16 \$ 5$
(5) None of these

26-30. Read the following passage carefully and answers the questions given below it.

A group of seven friends; A, B, C, D, E, F and

G work as Economist, Agriculture Officer, IT Officer, Terminal Operator, Clerk, Forex Officer and Research Analyst, for Banks L, $\mathrm{M}, \mathrm{N}, \mathrm{P}, \mathrm{Q}, \mathrm{R}$ and S but not necessarily in the same order. C works for Bank N and is neither a Research Analyst nor a Clerk. E is an IT Officer and works for Bank R. A works as Forex Officer and does not work for Bank L or Q. The one who is an Agriculture Officer works for Bank M. The one who works for Bank L works and as a Terminal Operator. F works for Bank Q. G works for Bank P as a Research Analyst. D is not an Agriculture Officer.
26. Who amongst the following works as an Agriculture Officer?
(1) C
(2) B
(3) F
(4) D
(5) None of these
27. What is the profession of C ?
(1) Terminal operator
(2) Agriculture Officer
(3) Economist
(4) Cannot be determined
(5) None of these
28. For which bank does B work?
(1) M
(2) S
(3) L
(4) Either M or S
(5) None of these
29. What is the profession of the person who works for Bank S?
(1) Clerk
(2) Agriculture Officer
(3) Terminal Operator
(4) Forex Officer
(5) None of these
30. Which of the following combinations

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of person, profession and bank is correct?
(1) A - Forex Officer - M
(2) D - Clerk - L
(3) F - Agriculture - Officer - Q
(4) B - Agriculture Officer - S
(5) None of these

31-35. In the following questions, the symbols @, $\#, \%, \$$ and © are used with the following meaning as illustrated below:
' P \# Q ' means ' P is neither greater than nor equal to $Q^{\prime}$.
' $P \subset Q^{\prime}$ means ' $P$ is neither equal to nor smaller than $\mathrm{Q}^{\prime}$.
' $\mathrm{P} \% \mathrm{Q}^{\prime}$ means ' P is neither smaller than nor greater than $\mathrm{Q}^{\prime}$.
' $\mathrm{P} \$ \mathrm{Q}$ ' means ' P is not smaller than $\mathrm{Q}^{\prime}$.
' $\mathrm{P} @ \mathrm{Q}$ ' means ' P is not greater than $\mathrm{Q}^{\prime}$.
Now in each of the following question assuming the given statements to be true, find which of the three conclusions I, II and III given below them is/are definitely true and give your answer accordingly.
31. Statements : $\mathrm{R} @ \mathrm{D}, \mathrm{D}$ © W , B \$ W
Conclusions
I. W \# R
II. B © D
III. W \$ R
(1) None is true
(2) Only I is true
(3) Only III is true
(4) Only either I or III is true
(5) All are true
32. Statements : H \$ V, V \% M, K © M
Conclusions : I. K © V
II. M @ H
III. H © K
(1) Only I and III are true
(2) Only II and III are true
(3) Only I and II are true
(4) All are true
(5) None of these
33. Statements : K \# T, T \$ B, B @ F
Conclusions : I. F \$ T
II. K \# B
III. T \$ F
(1) None is true
(2) Only I is true
(3) Only I and II are true
(4) Only II and III are true
(5) All are true
34. Statements : Z \# F, R @ F, D © R
Conclusions : I. Z \# R
II. F \# D
III. D © Z
(1) None is true
(2) Only I is true
(3) Only III is true
(4) Only either I or III is true
(5) All are true
35. Statements : $\quad \mathrm{M} \odot \mathrm{R}, \mathrm{R} \% \mathrm{D}$, D @ N
Conclusions : I. M © N
II. N \$ R
II. $\mathrm{M} \odot \mathrm{D}$
(1) Only I and II are true
(2) Only II and III are true
(3) Only I and III are true

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(4) All are true
(5) None of these

36-40. Below in each question are given two statements (A) and (B). These statements may be either independent causes or may be effects of independent causes or a common cause. One of these statements may be the effect of the other statement. Read both the statements are decide which of the following answer choice correctly depicts the relationship between these two statements.

Mark answer (1) if statement (A) is the cause and statement (B) is its effect.
Mark answer (2) if statement (B) is the cause and statement (A) is its effect.
Mark answer (3) if both the statements (A) and (B) are independent causes.
Mark answer (4) if both the statement (A) and (B) are effects of independent causes.
Mark answer (5) if both the statements (A) and (B) are effects of some common cause.
36. (A) State Govt. has ordered immediate ban on airing of certain movie channels on television.
(B) Few social activists have come together and demanded ban on telecasting 'Adult' movies on television.
37. (A) Employment scenario in the country has remarkably improved recently.
(B) The number of prospective jobseekers going abroad has increased recently.
38. (A) Government has tightened security checks at all important places and also at various public places.
(B) Incidences of terrorist attacks are increasing day by day.
39. (A) High court has fixed a time limit for repairing all the roads in the city.
(B) Road Development Authorities in the city are carrying out road work on urgent basis.
40. (A) There is an outbreak of several epidemics in the country.
(B) There was a worst flood situation ever experienced in the past in most part of the country.

41-50. Study the following information carefully and answer the questions which follow:

A Research Institute is recruiting a librarian to digitise its information resources among other duties. Candidates must possess the following criteria. The candidate must $\qquad$
(i) be not less than 35 years and not exceed 40 years as on 01.11.2009.
(ii) have a Bachelor's Degree in Library and Information Science with 65 percent marks.
(iii) have a Ph.D. in Library Science.
(iv) have post qualification experience of at least 4 years in a University Library.

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However if the candidates fulfills the above mentioned criteria except-
(A) at (II) above but the candidate has a UGC NET certification with all the other above criteria fulfilled he/she may be referred to the Dean.
(B) at (IV) above but all the eligibility criteria are met and the candidate has at least one year's experience in a research institute he/she may be offered contractual appointment for a year.
Based on the above criteria study carefully whether the following candidates are eligible for the recruitment process and mark you answer as follows. You are not to assume anything other than the information provided in each question. All cases are given to you as on 1.11.2009.
Mark answer (1) if he/she is to be shortlisted.
Mark answer (2) if he/she is not to be shortlisted.
Mark answer (3) if he/she should be referred to the Dean.
Mark answer (4) if he/she may be offered contractual appointment if required.
Mark answer (5) if the data provided is an adequate to take a decision.
41. Anil Rath has a doctorate in Library Science from Karnataka University in 2003. Born on July 21, 1969, he graduated in Library and Information

Science from Karnataka University where he was Assistant Librarian for four years since 2005.
42. Dr. Samir Bali has a Ph.D. in Library Science and has been with the Institute of Fundamental Research as Assistant Librarian since October 2008. He graduated with a degree in Library and Information Science in 1994 at the age of 22 . He obtained 70 percent in his graduation.
43. Vaishali Shetty has been a librarian at STS University since 2007 when she qualified in the UGC NET examination. She has a degree in Library and Information Science with 60 percent. Her first job was as junior librarian at TRP Institute of Development Research from October 2000 to December 2001.
44. Vivek Jha has a Ph.D. in Library and Information Science. He graduated in Library and Information Science in 1992 with 65 percent. He was born on 1.10.1974. Since July 2005, he has been working as Deputy Librarian at a deemed University.
45. A graduate in Library Science with 69 percent, Dr. M. Puri has been working at Ranchi University for 4 years as Deputy Librarian. She earned her doctorate while working for the Labour Research Institute for 5 years as Assistant Librarian. She is 38 years old as on the required date.
46. Megha Vaidya has a graduate degree in Library Science from Punjab University where she has been a

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Librarian for the past 5 years. In 2002 she obtained her UGC NET qualification at the age of 29 . She obtained 72 percent in graduation.
47. Anup Gupta is obtaining his Pd.D. from YCM University where he has been Junior Librarian since 2004. He qualified in the UGC NET exam in June 2000. He has a degree in Library and Information Science with 62 percent. His date of birth is 17.10.1973.
48. Kirti Shukla obtained her doctorate and Bachelor's degree from Patna University. She obtained 63 percent at graduation. She obtained her UGC NET qualification in 1998 when she was 26.
49. Prakash Sinha has been a librarian for a government institution for three years. Prior to this he was a University Librarian for 7 years after completing his Ph.D. in Library Science. He graduated in 1991 with 68 percent in Library Science. He is exactly 40 years of age on the specified date.
50. Rohan Sachdew obtained his UGC NET qualification after his graduation in 1998 when he began working. He has been Assistant Librarian for the past two years with a research institute. He obtained 65 percent in his graduation in Library Science. He earned his Ph.D. in Library Science in 2007. His data of birth is 22.10.1974.

51-55. Study the following information
carefully and answer the question given below:

Eight persons A, B, C, D, E, G \& H are sitting around a rectangular table in such a way that two persons sit on each of the four sides of the table facing the center. Persons sitting on opposite sides are exactly opposite to each other.

D faces North and sits exactly opposite to H. E is the immediate left of H . A and G sit on the same side. $G$ is exactly opposite of $B$ who is to the immediate right of $C$. A is next to the left of D.
51. Who is sitting opposite to A?
(1) G
(2) D
(3) E
(4) A
(5) None of these
52. Who is next to E in clockwise direction?
(1) G
(2) B
(3) F
(4) A or F
(5) None of these
53. Which of the following of persons has both the persons sitting on the same side with first person sitting to the right of second person?
(1) DF
(2) CB
(3) FC
(4) AG
(5) None of these
54. Who is sitting opposite to E?
(1) D
(2) A
(3) F
(4) A or D
(5) None of these
55. Which of the following statements is definitely true?
(1) A is facing North

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(2) E is sitting opposite to F
(3) $F$ is to the left of $G$
(4) $C$ is to the left of $A$
(5) None of these
$56-60$. Below is given a passage followed by several possible inferences which can be drawn from the facts stated in the passage. You have to examine each inference separately in the context of the passage and decide upon its degree of truth or falsity.

Mark answer (1) if the inference is 'definitely true' i.e. it properly follows from the statement of facts given.
Mark answer (2) if the inference is 'probably true' though not 'definitely true' in the light of the facts given.
Mark answer (3) if the 'data are inadequate', i.e. from the facts given you cannot say whether the inference is likely to be true or false.
Mark answer (4) if the inference is 'probably false', though not 'definitely false' in the light of the facts given.
Mark answer (5) if the inference is 'definitely false', i.e. it cannot possibly be
drawn from the facts given or it contradicts the given facts.
Aviation is important, both as an industry in its own right and as a facilitator for the success and competitiveness of the industries. The success of the aviation industry is also integral to national competitiveness, economic development and social progress. More importantly, aviation supports those new economy sectors on which India's future prosperity relies, like information technology, biotechnology, finance and electronics. That India's air transport industry is on the rise is an undisputable fact. However, the Indian economy will only achieve its true potential if we are able to compete in the industries of the future. We need to be strong in the areas with potential to grow and the role of India's aviation sector is critical in this regard.
56. India needs to made massive investments in infrastructural development.
57. Growth in India's aviation sector is important to its economic development.
58. India has made substantial development in the biotechnology sector.
59. India has tremendous potential to grow in the emerging industries.
60. Aviation sector in India has not fulfilled its role in the past in its economic development.

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61-75. In each of the question given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?
61.

62.

63.

(1)
(2)
(3)
(4) (5)
64.
65.

(3)
(4)
(5)
66.

(1)
(2)
(3)
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(5)
67.

(1)
(2)
(3)
(4)
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68.

(1)
(3)
(4) (5)
69.


(1)
(2)
(3)
(4)
(5)
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70.


| $\begin{aligned} & t+t \downarrow t \\ & 44 \end{aligned}$ | $\begin{aligned} & \phi+\downarrow \phi \\ & \downarrow+\phi \end{aligned}$ | $\begin{aligned} & t+t 4 \\ & 4 t \end{aligned}$ | $\begin{aligned} & t \downarrow \downarrow \uparrow \\ & \downarrow 4 \end{aligned}$ | $\begin{aligned} & t+t t \\ & t t \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
| (1) | (2) | (3) | (4) | (5) |

71. 


(1) (2)
(3)
(4)
(5)
72.

| $9 \square$ | $\infty$ | $\square$ | 4 | $\times 0$ |
| :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 1 | 0 | 0 |


| $\underbrace{-4}_{-0}$ |  | $\underbrace{\text { ¢ }}_{\square}$ | - | $\square$ |
| :---: | :---: | :---: | :---: | :---: |
| (1) | (2) | (3) | (4) | (5) |

73. 



(1) (2)
(3)
(4) (5)
74.

75.



