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ACE REASONING

A Complete Guide on Reasoning Ability for Banking & Insurance Examinations

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- 3 Levels of Exercise Based on latest Pattern
- Basic to Advance Level Questions with Detailed Solutions
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3000+ Questions

with detailed Solutions

CONTENT

Part-I

Part-II

Sample Questions

Alpha-Numeric-Symbol-Series

Foundation

Directions (31-35): The following questions are based on the five three-digit numbers given below:

374 659 821 945 247

31. If 1 is subtracted from the last digit of each numbers how many numbers thus formed is divisible by two?
(a) None (b) one (c) two
(d) three (e) four

32. If in each number the first and second digits are interchanged, which of the following will be the third lowest number?
(a) 374 (b) 247 (c) 659
(d) 821 (e) 945

33. If in each number 2 is added to the middle digit and then first two digits are interchanged then which of the number will be the largest?
(a) 659 (b) 945 (c) 374
(d) 247 (e) 821

34. If 1 is subtracted from the last digit of each of the numbers then in how many numbers thus formed will be the last digit be perfect square (one is also a perfect square)
(a) None (b) one (c) two
(d) three (e) four

35. If in each number, all the three digits are arranged in ascending order within the number which of the following will be the second highest number.
(a) 247 (b) 374 (c) 659
(d) 821 (e) 945

Direction (36-40): Following questions are based on the five three-digit numbers given below:

328 642 836 697 954

36. If all the numbers are arranged in descending order from left to right, which of the following will be the product of the first and the second digits of the number which is exactly in the middle of the new arrangement.
(a) 6 (b) 63 (c) 24
(d) 54 (e) 45

37. One is subtracted from the first digit and two is subtracted from third digit of each of the numbers. What will be the difference between the first digit of the highest number and the third digit of the lowest number?
(a) 1 (b) 2 (c) 3
(d) 4 (e) 5

38. What will be the resultant if the 1st digit of the second highest number is divided by the 3rd digit of the highest number.
(a) 2 (b) 1 (c) 4
(d) 6 (e) None of these

39. If the position of the first and the third digits of each of the numbers are interchanged. What will be the sum of all the digit of the second highest number thus formed?
(a) 12 (b) 13 (c) 17
(d) 18 (e) 22

40. If all the digits in each of the number are arranged in descending order within the number, which of the following will form the lowest number in the new arrangement of numbers.
(a) 328 (b) 642 (c)697
(d) 836 (e) 954

Moderate

Directions (31-35): Following questions are based on the five three-digit numbers given below.

452 869 125 345 854

31. If all the digits in the number are arranged in the descending order within the number from left to right, then which among the following will be the lowest number after re arrangement?
(a) 452 (b) 869 (c) 125
(d) 345 (e) 854

32. What is the product of 3rd digit of 2nd lowest number and 1st digit of 2nd highest number?
(a) 36 (b) 38 (c) 40
(d) 44 (e) None of these

33. If 1 is subtracted from each number than how many numbers thus formed are odd numbers?
(a) One (b) Two (c) Three
(d) Four (e) None of these

34. What is the product of the 1st digit of highest number and 2nd digit of the lowest number?
(a) 6 (b) 8 (c) 15
(d) 16 (e) None of these

35. If all the numbers are added, then what will be the 3rd digit from the left of the new number formed?
(a) 2 (b) 3 (c) 6
(d) 4 (e) None of these

Directions (36-40): These questions are based on the following five numbers:

451 685 254 723 132

36. If we arranged all numbers in descending order from left then, the position of how many numbers are remain unchanged?
(a) One (b) None (c) Three
(d) Two (e) More than three

37. If we interchanged 1st and 3rd digit of each number then, how many numbers become even?
(a) None (b) Three (c) Two
(d) One (e) More than three

38. If we interchanged 1st and 2nd digit of each number then, which of the following number becomes 3rd highest number?
(a) 451 (b) 685 (c) 254
(d) 723 (e) 132

39. If we interchanged 2nd and 3rd digit of each number, then how many numbers become odd?
(a) One (b) None (c) Two
(d) Three (e) More than three

40. What is the total sum of 3rd digit of 2nd number from left and 2nd digit of 3rd number from right?
(a) 10 (b) 8 (c) 9
(d) 11 (e) None of these

Solutions

Foundation

31. (e): after subtracted from each number the last digit of different number be 3,8,0,4,6. In which except last digit 3 is not divisible by 2 so 4 number divisible by 2

32. (e): 945

33. (c): 374

34. (b): after doing this process last digit be 3,8,0,4,6. So only '4' is a perfect square. So one number

35. (e): after doing this process the numbers are 347,569,128,459,247 second highest number is 459 which comes from 945.

36. (d): the number which will be in the middle be 697, so product of 1st and 2nd digit is 6 x 9 = 54

37. (b): After doing this process 226,540,734,595,852
Highest no. = 852 = first digit = 8
Lowest no. = 226 = third digit = 6
Difference = 8 – 6 = 2

38. (a): third digit of highest no (954) = 4
1st digit of second highest no (836) = 8
Result = 8 ÷ 4 = 2

39. (e): After doing this process we get numbers are = 823,246,638,796,459
Second highest no = 796 = 7 + 9 + 6 = 22

40. (b): after doing this process we get numbers are as follow:
832,642,863,976,954 so lowest numbers 642 come from 642

Moderate

Directions (31-35):

31. (c) **32. (c)** **33. (b)**
34. (d) **35. (d)**

Directions (36-40):

36. (d): 451 685 254 723 132
723 685 451 254 132

37. (b) **38. (c)** **39. (d)** **40. (a)**