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# Number series Questions for LIC AAO Pre, SBI PO Pre, IBPS PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

## Number series Quiz 38

Directions : Find the wrong term in the given series.

1. 625 663 755 745 863 835

A. 663                      B. 755                      C. 745                      D. 863                      E. 835

2. 2 4 10 34 152 874

A. 874                      B. 152                      C. 34                      D. 10                      E. 4

3. 40 45 135 442.5 1285 3837.5

A. 135                      B. 45                      C. 442.5                      D. 1285                      E. 3837.5

4. 2 11 32 71 134 229

A. 71                      B. 134                      C. 229                      D. 11                      E. 32

5. 732 744 758 780 795 816

A. 744                      B. 758                      C. 780                      D. 795                      E. 816

6. 7 14 32 60 132 186

A. 32                      B. 14                      C. 186                      D. 132                      E. 60

7. 19 32 48 71 99 134

A. 48                      B. 19                      C. 99                      D. 134                      E. 71

8. -4 16 -12 32 -20 96

A. 16                      B. -12                      C. 32                      D. -20                      E. 96

9. 3 14 39 80 155 258

A. 258                      B. 39                      C. 80                      D. 155                      E. 14

10. 6 12 24 42 66 95

A. 12                      B. 24                      C. 42                      D. 66                      E. 95

## Correct Answers:

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
D	B	A	C	B	D	A	C	A	E

## Explanations:

1.

### Series Pattern    Given Series

$25^2 = 625$	625	✓
$26^2 - 13 = 663$	663	✓
$27^2 + 26 = 755$	755	✓
$28^2 - 39 = 745$	745	✓
$29^2 + 52 = 893$	<b>863</b>	✗
$30^2 - 65 = 835$	835	✓

Hence, option (D) is correct.

2.

### Series Pattern

### Given Series

$1 + 1 = 2$	2	✓
$2 + 1 \times 2 = 4$	4	✓
$4 \times 1 \times 2 \times 3 = 10$	10	✓
$10 \times 1 \times 2 \times 3 \times 4 = 34$	34	✓
$34 + 1 \times 2 \times 3 \times 4 \times 5 = 154$	<b>152</b>	✗
$154 + 1 \times 2 \times 3 \times 4 \times 5 \times 6 = 874$	874	✓

Hence, option (B) is correct.

3.

### Series Pattern

### Given Series

40	40	✓
$40 \times 0.5 + 5^2 = 45$	45	✓
$45 \times 1 + 10^2 = 145$	<b>135</b>	✗
$145 \times 1.5 + 15^2 = 442.5$	442.5	✓
$442.5 \times 2 + 20^2 = 1285$	1285	✓
$1285 \times 2.5 + 25^2 = 3837.5$	3837.5	✓

Hence, option (A) is correct.

4.

Series Pattern	Given Series	
$1^3 + 1 = 2$	2	✓
$2^3 + 3 = 11$	11	✓
$3^3 + 5 = 32$	32	✓
$4^3 + 7 = 71$	71	✓
$5^3 + 9 = 134$	134	✓
$6^3 + 11 = 227$	<b>229</b>	✗

Hence, option (C) is correct.

5.

Series Pattern	Given Series	
732	732	✓
$732 + (7 + 3 + 2) = 744$	744	✓
$744 + (7 + 4 + 4) = 759$	<b>758</b>	✗
$759 + (7 + 5 + 9) = 780$	780	✓
$780 + (7 + 8 + 0) = 795$	795	✓
$795 + (7 + 9 + 5) = 816$	816	✓

Hence, option (B) is correct.

6.

Series Pattern	Given Series	
$2^2 + 3 = 7$	7	✓
$3^2 + 5 = 14$	14	✓
$5^2 + 7 = 32$	32	✓
$7^2 + 11 = 60$	60	✓
$11^2 + 13 = 134$	<b>132</b>	✗
$13^2 + 17 = 186$	186	✓

Hence, option (D) is correct.

7.

**Series Pattern Given Series**

19	19	✓
$19 + 13 = 32$	32	✓
$32 + 17 = 49$	<b>48</b>	✗
$49 + 22 = 71$	71	✓
$71 + 28 = 99$	99	✓
$99 + 35 = 134$	134	✓

Hence, option (A) is correct.

8.

**Series Pattern Given Series**

$1^2 - (1 \times 5) = -4$	-4	✓
$2^2 + (2 \times 6) = 16$	16	✓
$3^2 - (3 \times 7) = -12$	-12	✓
$4^2 + (4 \times 8) = 48$	<b>32</b>	✗
$5^2 - (5 \times 9) = -20$	-20	✓
$6^2 + (6 \times 10) = 96$	96	✓

Hence, option (C) is correct.

9.

**Series Pattern Given Series**

$1^3 + 1 \times 2 = 3$	3	✓
$2^3 + 2 \times 3 = 14$	14	✓
$3^3 + 3 \times 4 = 39$	39	✓
$4^3 + 4 \times 5 = 84$	<b>80</b>	✗
$5^3 + 5 \times 6 = 155$	155	✓
$6^3 + 6 \times 7 = 258$	258	✓

Hence, option (A) is correct.

10.

**Series Pattern Given Series**

6	6	✓
$6 + 5 \times 1 + 1 = 12$	12	✓
$12 + 5 \times 2 + 2 = 24$	24	✓
$24 + 5 \times 3 + 3 = 42$	42	✓
$42 + 5 \times 4 + 4 = 66$	66	✓
$66 + 5 \times 5 + 5 = 96$	<b>95</b>	✗

Hence, option (E) is correct.



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