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Correct Answers:

1	2	3	4	5	6	7	8	9	10
C	E	D	D	D	C	D	A	B	D

Explanations:

1.

Series pattern	Given series	
$1 + 2^2 + 3^3 = 32$	32	✓
$2 + 3^2 + 4^3 = 75$	75	✓
$3 + 4^2 + 5^3 = 144$	144	✓
$4 + 5^2 + 6^3 = 245$	244	✗
$6 + 7^2 + 8^3 = 567$	567	✓
$7 + 8^2 + 9^3 = 800$	800	✓
$8 + 9^2 + 10^3 = 1089$	1089	✓

Hence, there should be 245 in place of 244.

Hence, option C is correct.

2.

Series pattern	Given series	
$\frac{1 \times 3 \times 5}{2 \times 4} = \frac{15}{8}$	$\frac{15}{8}$	✓
$\frac{3 \times 5 \times 7}{4 \times 6} = \frac{35}{8}$	$\frac{35}{8}$	✓
$\frac{5 \times 7 \times 9}{6 \times 8} = \frac{105}{16}$	$\frac{105}{16}$	✓
$\frac{7 \times 9 \times 11}{8 \times 10} = \frac{693}{80}$	$\frac{693}{80}$	✓
$\frac{9 \times 11 \times 13}{10 \times 12} = \frac{429}{40}$	$\frac{429}{40}$	✓
$\frac{11 \times 13 \times 15}{12 \times 14} = \frac{715}{56}$	$\frac{715}{56}$	✓
$\frac{13 \times 15 \times 17}{14 \times 16} = \frac{3315}{224}$	$\frac{1615}{96}$	✗

Hence, there should be $\frac{3315}{224}$ in place of $\frac{1615}{96}$,

Hence, option E is correct.

3.

Series Pattern	Given Series	
12	12	✓
13	13	✓
$12 + 13 = 25$	25	✓
$13 + 25 = 38$	38	✓
$25 + 38 = 63$	63	✓
$38 + 63 = 101$	104	✗
$63 + 101 = 164$	164	✓

So, 104 is wrong term and must be replaced by 101.

Hence, option D is correct.

4.

Series Pattern	Given Series	
$(66)^3 = 287496$	287496	✓
$(65)^3 = 274625$	274625	✓
$(64)^3 = 262144$	262144	✓
$(63)^3 = 250047$	246078	✗
$(62)^3 = 238328$	238328	✓
$(61)^3 = 238328$	238328	✓
$(60)^3 = 216000$	216000	✓

Hence, there should be 250047 in place of 246078.

Hence, option D is correct.

5.

Series Pattern	Given Series	
42	42	✓
$42 \times 1.5 = 63$	63	✓
$63 \times 1.5 = 94.5$	94.5	✓
$94.5 \times 1.5 = 141.75$	141.75	✓
$141.75 \times 1.5 = 212.625$	212.92	✗
$212.625 \times 1.5 = 318.9375$	318.9375	✓

Hence, there should be 212.625 in place of 212.92.

Hence, option D is correct.

6.

Series Pattern	Given Series	
4	4	✓
$4 \times 0.5 = 2$	2	✓
$2 \times 1.5 = 3$	3.5	✗
$3 \times 2.5 = 7.5$	7.5	✓
$7.5 \times 3.5 = 26.25$	26.25	✓
$26.25 \times 4.5 = 118.25$	118.25	✓

Hence, there should be 3 in place of 3.5.

Hence, option C is correct.

7.

Series Pattern	Given Series	
7	7	✓
9	9	✓
$7 + 9 = 16$	16	✓
$16 + 9 = 25$	25	✓
$25 + 16 = 41$	41	✓
$41 + 25 = 66$	68	✗
$66 + 41 = 107$	107	✓
$107 + 66 = 173$	173	✓

Hence, there should be 66 in place of 68.

Hence, option D is correct.

8.

Series Pattern	Given Series	
16	16	✓
$16 + 1^2 = 17$	19	✗
$17 + 2^2 = 21$	21	✓
$21 + 3^2 = 30$	30	✓
$30 + 4^2 = 46$	46	✓
$46 + 5^2 = 71$	71	✓
$71 + 6^2 = 107$	107	✓

Hence, there should be 17 in place of 19.

Hence, option A is correct.

9.

Series Pattern	Given Series	
16	16	✓
$16 \times 0.25 = 4$	4	✓
$4 \times 0.5 = 2$	2	✓
$2 \times .75 = 1.5$	1.5	✓
$1.5 \times 1 = 1.5$	1.75	✗
$1.5 \times 1.25 = 1.875$	1.875	✓

Hence, there should be 1.5 in place of 1.75.

Hence, option B is correct.

10.

Series Pattern	Given Series	
2	2	✓
$2 \times 3 + 5 = 11$	11	✓
$11 \times 4 - 6 = 38$	38	✓
$38 \times 5 + 7 = 197$	197	✓
$197 \times 6 - 8 = 1174$	1172	✗
$1174 \times 7 + 9 = 8227$	8227	✓
$8227 \times 8 - 10 = 65806$	65806	✓

Hence, there should be 1174 in place of 1172.

Hence, option D is correct.



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