**Course: SBI PO Pre**

**Subject: Wrong Series**

**Time:10 Minutes**

**Published Date: 7th June 2020**

**Directions (1-15):** Which one of the following numbers is wrong and does not follow the pattern in the given series?

Q1**.** 1, 2, 10, 37, 100, 226

(a) 2

(b) 10

(c) 37

(d) 100

(e) 226

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

Q2. 35, 48, 64, 80, 99, 120

(a) 64

(b) 80

(c) 99

(d) 48

(e) 35

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

Q3. 2, 5, 10, 18, 26, 37

(a) 5

(b) 10

(c) 18

(d) 26

(e) 2

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

Q4. 7, 3.5, 3.5, 5.25, 10.50, 26

(a) 3.5

(b) 7

(c) 5.25

(d) 10.50

(e) 26

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

Q5. 1, 2, 4, 8, 15, 32

(a) 1

(b) 4

(c) 8

(d) 15

(e) 32

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

Q6. 32, 16, 24, 60, 210, 946, 5197.5

(a) 16

(b) 946

(c) 5197.5

(d) 32

(e) 60

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

Q7. 4, 7, 12, 19, 31, 50, 81

(a) 4

(b) 7

(c) 19

(d) 81

(e) 31

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

Q8. 7, 9, 13, 21, 37, 69, 135

(a) 7

(b) 69

(c) 135

(d) 37

(e) 13

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

Q9. 2, 9, 14, 20, 26, 32

(a) 9

(b) 14

(c) 20

(d) 2

(e) 14

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

Q10. 4, 9, 19, 40, 79, 159

(a) 19

(b) 40

(c) 79

(d) 159

(e) 4

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

Q11. 125, 216, 49, 512, 81, 1000

(a) 49

(b) 81

(c) 125

(d) 512

(e) 1000

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

Q12. 2, 3, 6, 18, 109, 1944, 209952

(a) 3

(b) 6

(c) 18

(d) 109

(e) 1944

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

Q13. 2, 13, 27, 113, 561, 3369, 23581

(a) 13

(b) 27

(c) 113

(d) 561

(e) 3369

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

Q14. 3, 9, 23, 99, 479, 2881, 20159

(a) 9

(b) 23

(c) 99

(d) 479

(e) 2881

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

Q15. 48, 62, 96, 224, 992, 7136

(a) 48

(b) 62

(c) 224

(d) 992

(e) 7136

L1Difficulty 2

QTags Wrong Series

QCreator Deepak Rohilla

**Solutions**

S1. Ans(d)

Sol. $1+1^{3}=2$

$2+2^{3}=10$

$10+3^{3}=37$

$37+4^{3}=101$

$101+5^{3}=226$

$∴wrong number is 100 which is replaced by 101.$

S2. Ans(a)

Sol. $6^{2}-1=35$

 $7^{2}-1=48$

 $8^{2}-1=63$

 $9^{2}-1=80$

 $10^{2}-1=99$

 $11^{2}-1=120$

$∴wrong number is 64$ $which is replaced by 63.$

S3. Ans(c)

Sol. $1^{2}+1=2$

 $2^{2}+1=5$

 $3^{2}+1=10$

 $4^{2}+1=17$

 $5^{2}+1=26$

 $6^{2}+1=37$

$∴wrong number is 18 which is replaced by 17.$

S4. Ans(e)

Sol. $7×\frac{1}{2}=3.5$

$3.5×1=3.5$

$3.5×\frac{3}{2}=5.25$

$5.25×2=10.5$

$10.5×\frac{5}{2}=26.25$

$∴wrong number is 26$ $which is replaced by 26.25.$

S5. Ans(d)

Sol. $1×2=2$

$2×2=4$

$4×2=8$

$8×2=16$

$16×2=32$

$∴wrong number is 15$ $which is replaced by 16.$

S6. Ans.(b)

Sol.

The wrong no. is 946

The series is ×0.5, ×1.5, ×2.5, ×3.5, ×4.5, ×5.5

∴ 210 × 4.5 = 945

So, there should be 945 instead of 946.

S7. Ans.(a)

Sol.

The wrong no. is 4

5 + 7 = 12

7 + 12 = 19

12 + 19 = 31

19 + 31 = 50

31 + 50 = 81

So, there should be 5 instead of 4

S8. Ans.(c)

Sol.

The wrong no. in this series is 135



So, there should be 133 instead of 135.

S9. Ans(a)

Sol. 2+6=8

 8+6=14

 14+6=20

 20+6=26

 26+6=32

So wrong no in the series is 9 and it should be replaced by 8.

S10. Ans(b)

Sol. $4×2+1=9$

 $9×2+1=19$

 $19×2+1=39$

 $39×2+1=79$

 $79×2+1=159$

So wrong no in the series is 40 and it should be replaced by 39.

S11. Ans(c)

Sol. $5^{2}=25$

 $6^{3}=216$

 $7^{2}=49$

 $8^{3}=512$

 $9^{2}=81$

 $10^{3}=1000$

So wrong no in the series is 125 and it should be replaced by 25.

S12. Ans.(d)

Sol.

Given series :

$2×3=6 $

$3×6=18$

$18×6=108\ne $

$108×18=1944$

S13. Ans.(a)

Sol.

Pattern is :

$2×2+7=11\ne $

$11×3-6=27 $

$27×4+5=113 $

$113×5-4=561 $

S14. Ans.(c)

Sol.

Given series is :

$3×2+3=9 $

$9×3-4=23 $

$23×4+5=97\ne $

$97×5-6=479$

S15. Ans.(b)

Sol.

