

Quiz Date: 27th August 2020

Direction (1-15): Find the wrong number in following number series:

Q1. 156, 299, 494, 749, 1070, 1471

- (a) 156
- (b) 1471
- (c) 494
- (d) 1070
- (e) 299

Q2. 728, 839, 958, 1085, 1222, 1363

- (a) 728
- (b) 1222
- (c) 839
- (d) 1085
- (e) 1363

Q3. 16, 102, 515, 2064, 6195, 12396

- (a) 16
- (b) 102
- (c) 12396
- (d) 2064
- (e) 6195

Q4. 721, 103, 618, 123.6, 492.4, 164.8

- (a) 721
- (b) 103
- (c) 618
- (d) 123.6
- (e) 492.4

Q5. 4256, 3472, 3080, 2884, 2786, 2738

- (a) 2884
- (b) 3472
- (c) 4256
- (d) 2786
- (e) 2738

Q6. 72, 74, 84, 110, 160, 244, 364

- (a) 364
- (b) 244
- (c) 160
- (d) 74
- (e) 72

Q7. 30, 42, 48, 54, 65, 81, 126

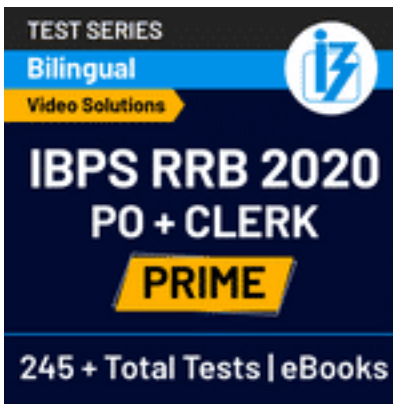
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- (a) 42
- (b) 48
- (c) 126
- (d) 30
- (e) 65

Q8. 77, 78, 159, 472, 1889, 9446, 56677

- (a) 159
- (b) 472
- (c) 1889
- (d) 56677
- (e) 77



Q9. 2159, 1967, 1782, 1611, 1461, 1339, 1254

- (a) 1967
- (b) 2159
- (c) 1461
- (d) 1254
- (e) 1611

Q10. 854, 886, 923, 964, 1007, 1054, 1107

- (a) 923
- (b) 1007
- (c) 854
- (d) 1054
- (e) 1107

Q11. 465, 633, 775, 897, 993, 1065, 1113

- (a) 465
- (b) 633
- (c) 993
- (d) 775
- (e) 1113

Q12. 12, 12, 30, 120, 654, 4620

- (a) 12

- (b) 654
- (c) 30
- (d) 120
- (e) 4620

Q13. 1174, 1275, 1445, 1671, 1961, 2323

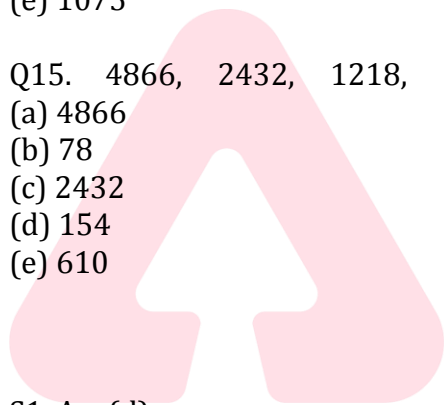
- (a) 1174
- (b) 1275
- (c) 1671
- (d) 1961
- (e) 2323

Q14. 9, 25, 58, 125, 260, 531, 1075

- (a) 9
- (b) 25
- (c) 260
- (d) 531
- (e) 1075

Q15. 4866, 2432, 1218, 610, 306, 154, 78

- (a) 4866
- (b) 78
- (c) 2432
- (d) 154
- (e) 610



Solutions

S1. Ans(d)

Wrong number = 1070

Pattern of series –

$$156 + (12^2 - 1) = 299$$

$$299 + (14^2 - 1) = 494$$

$$494 + (16^2 - 1) = 749$$

$$749 + (18^2 - 1) = 1072$$

$$1072 + (20^2 - 1) = 1471$$

Should be 1072 in the place of 1070.

S2. Ans(b)

Sol.

Wrong number = 1222

Pattern of series –

$$(27^2 - 1) = 728$$

$$(29^2 - 2) = 839$$

$$(31^2 - 3) = 958$$

$$(33^2 - 4) = 1085$$

$$(35^2 - 5) = 1220$$

$$(37^2 - 6) = 1363$$

Should be 1220 in the place of 1222.

S3. Ans(c)

Sol.

Wrong number = 12396

Pattern of series -

$$16 \times 6 + 6 = 102$$

$$102 \times 5 + 5 = 515$$

$$515 \times 4 + 4 = 2064$$

$$2064 \times 3 + 3 = 6195$$

$$6195 \times 2 + 2 = 12392$$

Should be 12392 in the place of 12396.



S4. Ans(e)

Sol.

Wrong number = 492.4

Pattern of series -

$$721 \div 7 = 103$$

$$103 \times 6 = 618$$

$$618 \div 5 = 123.6$$

$$123.6 \times 4 = 494.4$$

$$494.4 \div 3 = 164.8$$

Should be 494.4 in the place of 492.4

S5. Ans(e)

Sol.

Wrong number = 2888

Pattern of series -

$$4256 - 784 = 3472$$

$$3472 - 392 = 3080$$

$$3080 - 196 = 2884$$

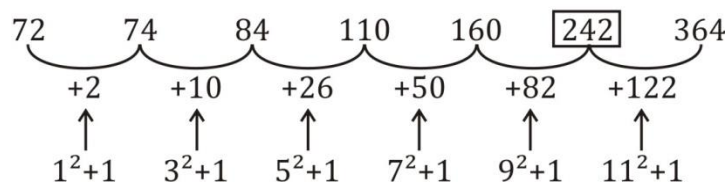
$$2884 - 98 = 2786$$

$$2786 - 49 = 2737$$

Should be 2737 in the place of 2738

S6. Ans.(b)

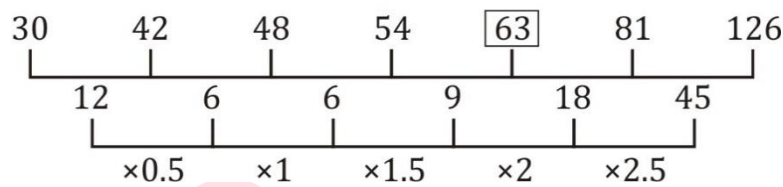
Sol.



Wrong no → 244

S7. Ans.(e)

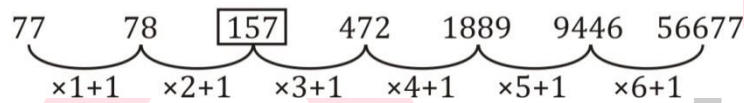
Sol.



Wrong no → 65

S8. Ans.(a)

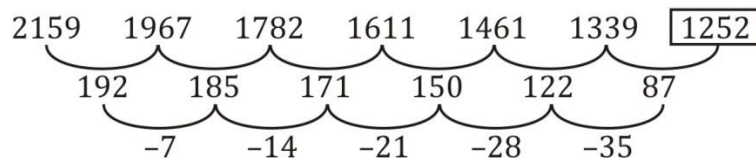
Sol.



Wrong no. → 159

S9. Ans.(d)

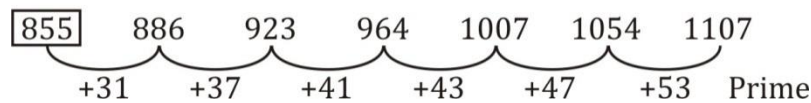
Sol.



Wrong no. → 1254

S10. Ans.(c)

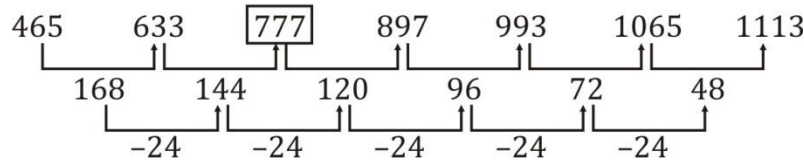
Sol.



Wrong no. → 854

S11. Ans.(d)

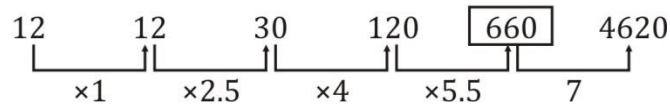
Sol.



Wrong no. → 775

S12. Ans.(b)

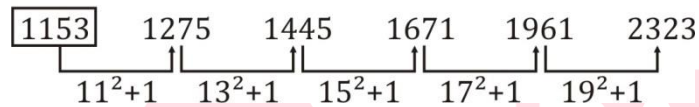
Sol.



Wrong no. → 654

S13. Ans.(a)

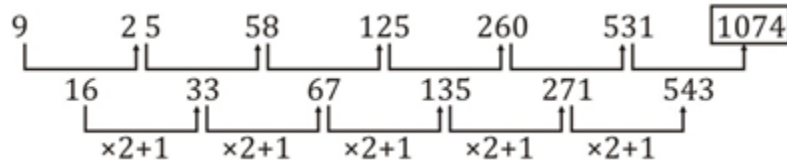
Sol.



Wrong no. → 1174

S14. Ans.(e)

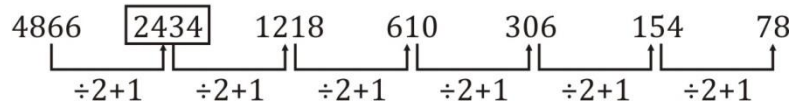
Sol.



Wrong no. → 1075

S15. Ans.(c)

Sol.



Wrong no. → 2432