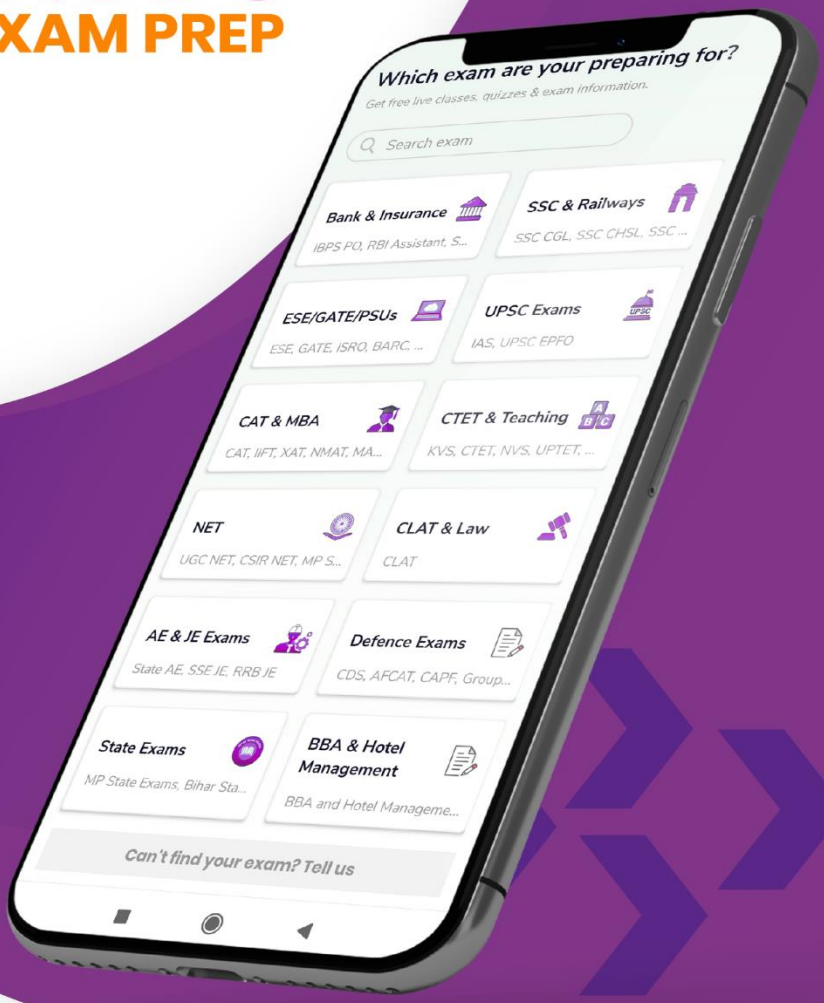
BYJU'S EXAM PREP



Most Imp. Questions Number Series PDF (Wrong +Missing)

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Direction: Find the wrong term in the given series:
1. 120, 201, 310, 422, 566, 735
A. 201
B. 310
C. 422
D. 566
E. 735

Direction: In the following number series, only one number is wrong. Find out the incorrect number.
2. 12, 72, 60, 360, 336, 2088
A. 60
B. 360
C. 336
D. 2088
E. None of these

Direction: In the following number series only one number is wrong. Find out the wrong number.
3. 13, 16, 21, 30, 39, 52, 69
A. 21
B. 39
C. 30
D. 52
E. 16

Direction: Find the wrong term in the given series:
4. 17, 18, 40, 129, 522, 2685
A. 18
B. 40
C. 129
D. 522
E. 2685

Direction: In the following number series, only one number is incorrect. Find out the incorrect number.
5. 82, 65, 84, 61, 88, 59
A. 65
B. 84
C. 61
D. 88
E. 59

Direction: In the following number series only one number is wrong. Find out the wrong number.
6. 64,66, 76, 106, 180, 304
A. 76
B. 106
C. 180
D. 64
E. 304

Direction: In the following number series, only one number is wrong. Find out the incorrect number.
7. 32, 45, 60, 81, 104, 133
A. 45
B. 60
C. 81
D. 104
E. 133

Direction: Find the wrong term in the given series:
8. 7, 4, 5, 9, 20, 51, 160.5
A. 4
B. 5
C. 7
D. 51
E. 160.5

Direction: In the following number series, only one number is wrong. Find out the incorrect number.
9. 0, 3, 10, 20, 36, 55
A. 0
B. 55
C. 36
D. 20
E. 10

Direction: In the following number series only one number is wrong. Find out the wrong number.
10. 22, 30, 46, 70, 104, 142
A. 30
B. 46
C. 70
D. 104
E. 142

Direction: Find out the wrong number in the following number series.
11. 2, 10, 18, 54, 162, 486, 1458
A. 18
B. 54
C. 162
D. 10
E. 486

Direction: In the following number series, one number is wrong. Find out the wrong number and answer accordingly:
12. 446, 225, 110, 54, 26, 12
A. 446
B. 225
C. 54
D. 26
E. 12

Direction: In the following number series, one of the numbers is wrong. Find out the wrong number.
13. 11, 12, 25, 81, 328, 1645
A. 25
B. 12
C. 11
D. 328
E. 81

Direction: Find the wrong term in the given series:
14. 52, 119, 205, 328, 470, 637
A. 119
B. 205
C. 52
D. 470
E. 328

Direction: In the following number series, a wrong number is given. Find out that wrong number.
15. 14, 32, 105, 436, 2195, 13266
A. 105
B. 2195
C. 13266
D. 14
E. 436

Direction: What will come in place of the question mark (?) in the following number series?
16. 7, 10, 15, 24, 39,?
A. 57
B. 62
C. 67
D. 58
E. None of these

Directions: What will come in place of question mark (?) in the following number series?
17. 4, 10, 33, 136, 685, ?
A. 3430
B. 4110
C. 4116
D. 3435
E. None of these

Direction: In each question below, a number series is given in which one number is missing. Find out the missing number.
18. 35, 45, 80, 250, (?), 4960
A. 940
B. 820
C. 890
D. 980
E. None of these

Direction: What should come in place of question mark (?) in the following number series?
19. 42, 48, 36, 54, ?, 60
A. 32
B. 34
C. 30
D. 38
E. 40

20. **Direction**: What will come in the place of the question mark (?) in the following number series?
2, 5, 28, 17, 126, ?
A. 37
B. 97
C. 77
D. 87
E. None of these

Direction: What value should come at the place of question mark (?) in the given number series?
21. 500, 491, 478, 449, 384, ?
A. 200
B. 206
C. 211
D. 255
E. 237

Direction: What will come in place of the question mark (?) in the following number series?
22. 4, 14, 28, 58, ?, 502
A. 142
B. 155

C. 152
D. 168
E. 175

Direction: What will come in place of the question mark (?) in the following number series?
23. 145, 289, 575, ?, 2283
A. 1125
B. 1145
C. 1352
D. 1284
E. 1025

Directions: What will come in place of the question mark (?) in the following number series?
24. 4, 27, 67, 123, (?), 279, 377
A. 185
B. 187
C. 194
D. 199
E. 201

Directions: What will come in place of the question mark (?) in the following number series?
25. -9, -15, -49, (?), -961, -5759
A. -191
B. -201
C. -256
D. -289
E. -291

Direction: What should come at the place of question mark (?) in the following number series?
26. 5, 14, 41, 122, ?, 1094
A. 361
B. 327
C. 365
D. 348
E. 344

Directions: What value should come at the place of question mark (?) in the following number series?
27. 13, 32, 69, 130, ?
A. 221
B. 250
C. 231
D. 254
E. 265

Direction: What will come in place of the question mark (?) in the following number series?
28. 15 19 83 119 631 (?)
A. 731
B. 693
C. 712
D. 683
E. None of these

Direction: What will come in place of the question mark (?) in the following number series?
29. 3240, 540, 108, 27, ?, 4.5
A. 7
B. 10
C. 9
D. 8
E. None of these

30. **Directions:** What should come in place of question mark (?) in the following number series?
3 14 39 84 155 258 ?
A. 398
B. 347
C. 399
D. 315
E. 445

###ANSWERS###

1. Ans. B.
The Pattern is:-

$120 + 9^2 = 201$

$201 + 10^2 = 301$

$301 + 11^2 = 422$

$422 + 12^2 = 566$

$566 + 13^2 = 735$

Thus, the incorrect number is 310.
So option (b) is the correct answer.
2. Ans. C.
The Pattern is:-

$12 \times 6 = 72$

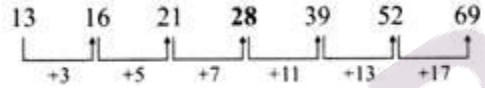
$72 - 12 = 60$

$60 \times 6 = 360$

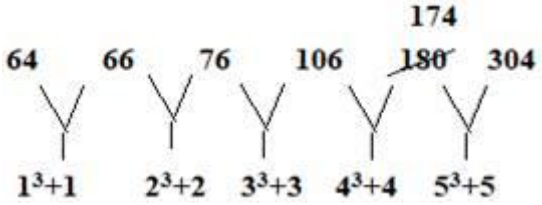
$360 - 12 = 348$

$348 \times 6 = 2088$

Thus, the incorrect number is 336.
So option (c) is the correct answer.
3. Ans. C.
The pattern of series is as:



Hence 30 is the wrong term.
4. Ans. D.
(17 + 1)*1 = 18
(18 + 2)*2 = 40
(40 + 3)*3 = 129
(129 + 4)*4 = 532
(532 + 5)*5 = 2685
5. Ans. D.
The series follows the pattern,
82-17=65
65+19=84
84-23=61
61+29=90
90-31=59
Thus, the incorrect number is 88
So option (d) is the correct answer.
6. Ans. C.



7. Ans. B.
The Pattern is:- adding prime numbers

$\rightarrow 32$

$\rightarrow 32 + 13 = 45$

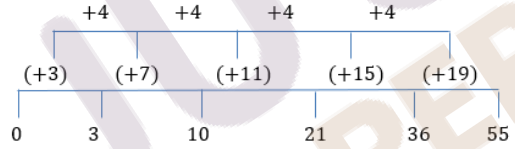
$\rightarrow 45 + 17 = 62$

$\rightarrow 62 + 19 = 81$

$\rightarrow 81 + 23 = 104$

$\rightarrow 104 + 29 = 133$

Thus, the incorrect number is 60
So option (b) is the correct answer.
8. Ans. D.
pattern is ; × 0.5 + 0.5, × 1 + 1, × 1.5 + 1.5, × 2 + 2, × 2.5 + 2.5, × 3 + 3
So series is:
7, 4, 5, 9, 20, (**52.5**), 160.5
51 is wrong number is the series.
9. Ans. D.
The Pattern is:-



Thus, the incorrect number is 20.
So option (d) is the correct answer.
10. Ans. D.
The Pattern is:-

$22 + 8 \times 1 = 30$

$30 + 8 \times 2 = 46$

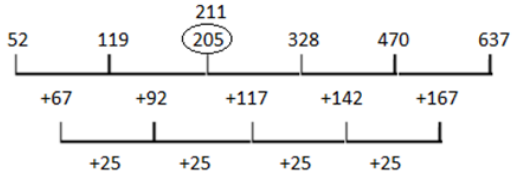
$46 + 8 \times 3 = 70$

$70 + 8 \times 4 = 102$

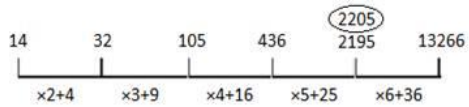
$102 + 8 \times 5 = 142$

Thus, the incorrect number is 104.
So option (d) is the correct answer.
11. Ans. D.
2×3 = 6
6 × 3 = 18
18×3 =54
54 ×3 = 162
162× 3 = 486
486×3 = 1458
12. Ans. B.
446-224=222 (is correct not 225)
222-112=110
110-56=54
54-28=26
26-14=12
(divide the difference by 2 and subtract)

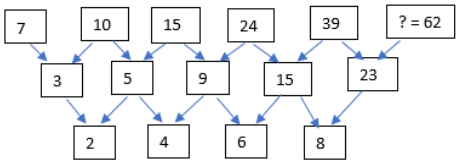
13. Ans. A.
11×1+1=12
12×2+2=26
26×3+3=81
81×4+4=328
328×5+5=1645
14. Ans. B.



15. Ans. B.



16. Ans. B.



17. Ans. C.
(4*2) + 2 = 8+2 = 10
(10*3) + 3 = 30+3 = 33
(33*4) + 4 = 132+4 = 136
(136*5) + 5 = 680+5 = 685
(685*6) + 6 = 4110+6 = 4116
18. Ans. E.
The pattern of number series is as follow
35×1+10 = 45
45×2−10 = 80
80×3+10 = 250
250×4−10 = 990
990×5+10 = 4960
So number is 990
19. Ans. C.
42, 48, 36, 54, ?, 60
pattern is
+6, -12, +18, -24, +30
so 54-24 = **30**
series
42, 48, 36, 54, **30**, 60
20. Ans. A.
2, 5, 28, 17, 126, 37

1^3+1 2^2+1 3^3+1 4^2+1 5^3+1 6^2+1

21. Ans. D.
The pattern followed is:
491 = 500 − 9
478 = 491 − 13 (i.e. 9 + 2^2)
449 = 478 − 29 (i.e. 13 + 4^2)
384 = 449 − 65 (i.e. 29 + 6^2)
? = 384 − 129 (i.e. 65 + 8^2)
? = 255
22. Ans. C.
4 14 28 58 152 502
+10 +14 +30 +94 +350
+4 +16 +64 +256
23. Ans. B.
145×2-1=289
289×2-3=575
575×2-5=1145
1145×2-7=2283
24. Ans. C.
The pattern of given series is:
→ 4,
→ 27 = 4 + 23,
→ 67 = 27 + 40, (23 + 17 = 40)
→ 123 = 67 + 56, (40 + 16 = 56)
→ ? = 123 + 71, (56 + 15 = 71)
→ ? = 194,
→ 279 = 194 + 85, (71 + 14 = 85)
→ 377 = 279 + 98, (85 + 13 = 98)
Thus, the missing number is 194.
25. Ans. A.
The pattern of given series is:
→ -9,
→ -15 = (-9 × 2) + 3,
→ -49 = (-15 × 3) - 4,
→ ? = (-49 × 4) + 5,
→ ? = -191
→ -961 = (-191 × 5) - 6,
→ -5759 = (-961 × 6) + 7,
Thus, the missing number is -191.
26. Ans. C.
14 = 5*3 − 1
41 = 14*3 − 1
122 = 41*3 − 1
? = 122*3 − 1, i.e. ? = 365
1094 = 365*3 − 1
27. Ans. A.
2^3+5=8+5=13
3^3+5=27+5=32
4^3+5=64+5=69
5^3+5=125+5=130
6^3+5=216+5=221
28. Ans. A.
The pattern of the number series is:
19 - 15 = 4 = 2^2
83-19=64=4^3
119 - 83 = 36 = 6^2
631 - 119 = 512 = 8^3
→ ?=631+10^2 = 631+100 = 731

29. Ans. C.
540 = 3240/6
108 = 540/5
27 = 108/4
? = 27/3, i.e. ? = 9
4.5 = 9/2
30. Ans. C.
3, 14, 39, 84, 155, 258, ?
= $n^3 + n^2 + n$ put n = 1, 2, 3, 4 ….
7th term = 343 + 49 + 7 = 399