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missiongyan Under CSR Support by ipca | Foundation

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LET'S LEARN TOGETHER

CET परीक्षा 2024

आज़ादी बैच

फ़ीस से आज़ादी!

रीजनिंग

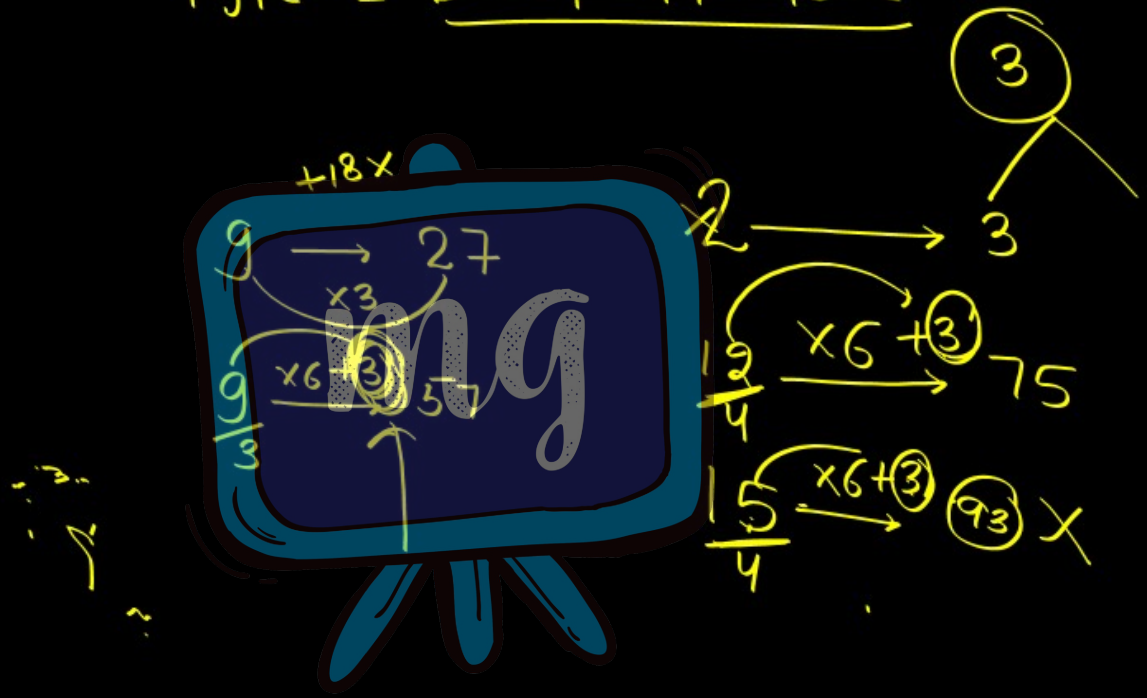
14 क्लासेस

Analogy

लाइव | 31 अगस्त शाम 4 बजे



Type-2 Based on Number



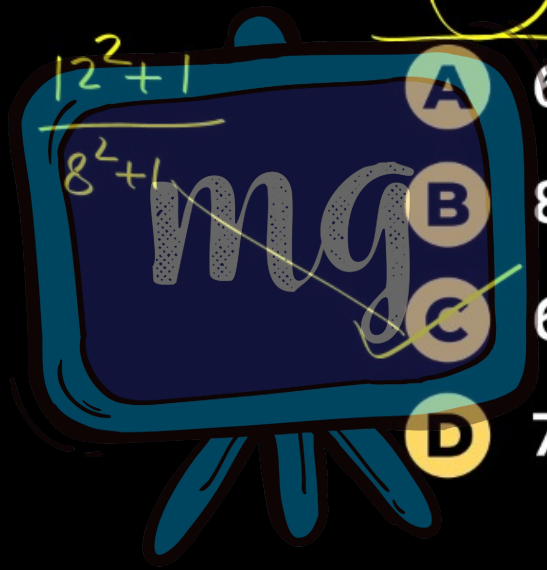
Q.1 12 : 145 :: 8 : ?

$\times 12+1$ $\quad \times 8+1 = 65$

$\times 12+1 = 97$

12^2+1

8^2+1



A 60

B 85

C 65

D 73

Q.2 $4 : 8 :: 25 : ?$ (2^2 2^3 5^2 5^3 → 125)



A 100

B 75

C 625

D 125

REASONING

Q.3 24 : 102 :: 16 : ?



A 60

B 64

C 68

D 346

Q.4 9 : 19 :: 29 : ?

+10 +10 59 x2+1 x2+1

A 40

B 69

C 59

D 49

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difference

illogical (digitsum)

Q.5 2264 : 7241 :: 3129 : ?

2+2+6+4

- 14 14

15

4977

8106

A 6342

B 2572

C 7132

D 9521

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Q.6 13 : 338

$13^2 = 169$
$\times 2$

$\times 30$

Square $= 390$

A ~~9 : 729~~

B ~~15 : 225~~

C 8 : 128

$2^{64 \times 2}$

D 5 : 52

Q.7 $223 : 350 :: 519 : ?$

$6^3+7 \quad 7^3+7 \quad 8^3+7 \quad 9^3+7$

7^3+7

A 687

B 736

C 654

D 645

Q.8 23 : 441 :: 28 : ?

23 − 2 → 21^2

−2

26^2 → 676

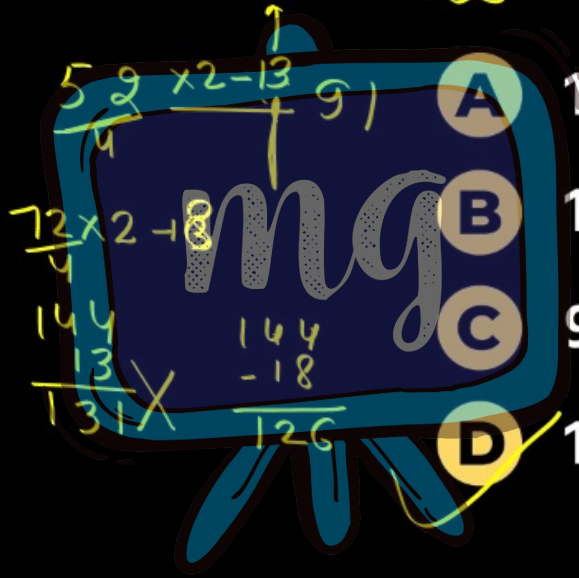
A 692

B 528

C 676

D 494

Q.9 52 : 91 :: 72 : ?



A. 109

B. 138

C. 98

D. 126

Q.10 3 : 17 :: 6 : ? :: 9 : 47



A 36

B 32

C 38

D 34

Q.11 27 : 576 :: 19 : ?

$27 - 3 = 24^2$

$19 - 3 = 16^2 = 256$

A) 328

B) 543

C) 256

D) 498

Q.12 $68 : 19 :: 164 : ?$

I st → $\frac{68}{4} = 17+2$

$41+2=43$

$19 \times 4 - 8 = 68$

$43 \times 4 - 8 = 164$

172

A 39

B 43

C 41

D 45

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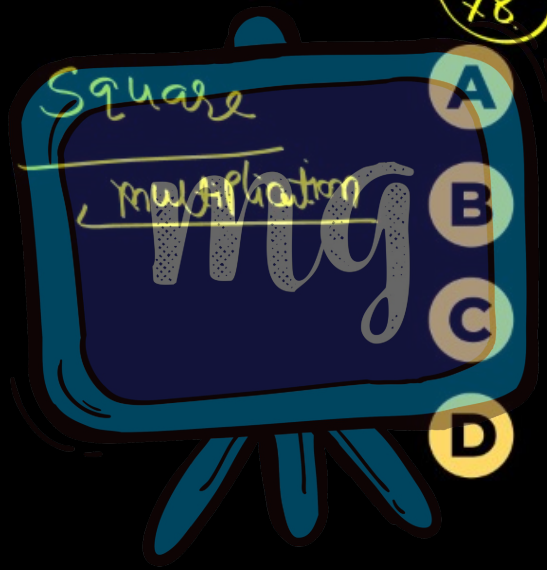
Q.13 7 : 56 :: 11 : ?

$\times 8$ $\times 8 = 88$ $\times 12 = 132$

Square

multiplication



(A) 77

(B) 101

(C) 98

(D) 132

$7^2 + 7 = 56$

$11^2 + 11 = 132$

Q.14 28 : 729 :: 32 : ?

27^2 ; $-1 = 31^2$

A) 973

B) 824

C) 738

D) 961

Q.15 5 : 27 :: 7 : ? :: 8 : 39



A 35

B 36

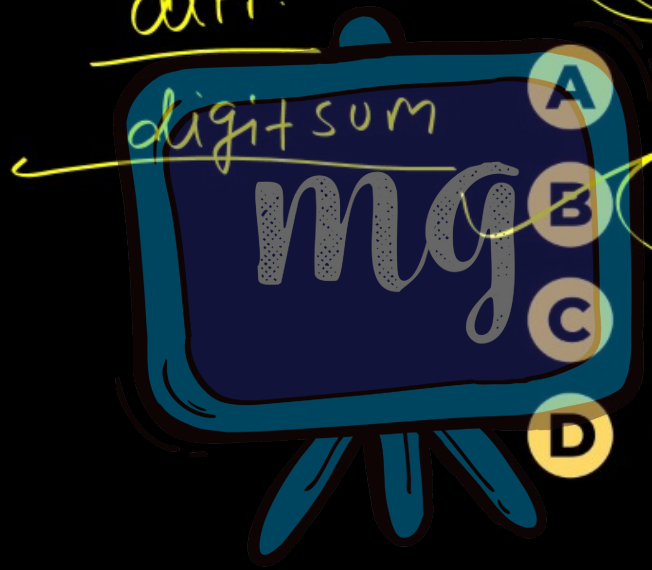
C 37

D 38

Q.16 3824 : 4935 :: 5716 : ?

diff.

digit sum



1111

6827

A 6087

B 6827

C 6287

D 6782

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Q.17 13 : 1331 :: 17 : ?

$13-2$ 11^3 -2 15^3

A 1453

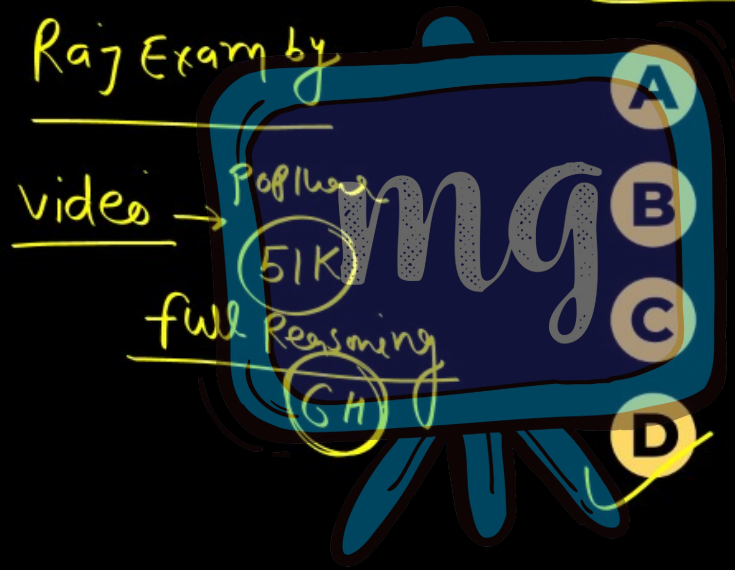
B 1829

C 3375

D 2642

Q.18 {7, 13, 20}

+6 +7



(A) {10, 18, 24}

(B) {9, 15, 23}

(C) {12, 19, 29}

(D) {4, 10, 17}

+6 +7

Q.19 {9, 16, 23}

+7 +7



A {16, 25, 32}

+9 +7

B {15, 24, 33}

+9 +9

C {7, 15, 25}

+8 +10

D {4, 9, 16}

+5 +7

Q.20 {9, 15, 24}



A {21, 33, 55}

B {12,20,30}

C {6, 10, 16}

D {15,25,35}

Q.21 222 : 130

6^3+6 5^3+5

A. 125 : 27

B. 350 : 49

C. 68 : 30

D. 25 : 36

Q.22 33 : 198 :: 19 : ?

×6 ×6



A 49

B 346

C 114

D 77

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Type-2

Type-5 u.k.

× difference

digi+sum

भारत: नई दिल्ली

मुद्रा = ?

+9

Q.23 4262 : 4271 :: 2139 : ?

14 14 15

A ~~2572~~

B 2346

C 9521

D 7132