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Dos and Don'ts for General Science & Ability

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GSA

Here, you've done well. Know that acquiring knowledge is one thing and reproducing it in paper according to what's asked is another. There are a few things I

would like to highlight.

1. A 5 marks part requires at least 2 and at max 3 sides of a paper. Know that there can

a) Let two numbers x, y
Given $x+y=23 \rightarrow \text{Q1}$
Given $x \times y=132 \rightarrow \text{Q2}$

2. Focus on time management. You get 35

minutes to solve one question and about 8
minutes per 5 mark part. Manage your time
accordingly.3. You need to understand that your paper is
supposed to look more scientific than
theoretical. So, add flowcharts and diagrams
where required.4. Your handwriting and neatness can be
really impactful. Avoid cutting and overwriting.5. Focus on your spellings and your grammar.
Here, in GSA there's no deduction in marks
but your expression will definitely create an
impact.6. In ability portion, give explanation for
analytical ability question in words. You need
to understand that a 5 mark part requires all
steps written and explained.Good luck for CSS 2026. You're gonna rock in
sha Allah. :)

b)

Sol. Given 40% of number "x" \neq 20% of 650 + 190

$$40\% \times x = 650 \times 20\% + 190$$

~~$$\frac{40}{100} \times x = 650 \times \frac{20}{100} + 190$$~~

~~$$\frac{4}{10} x = 130 + 190$$~~

~~$$\frac{4x}{10} = 320$$~~

~~$$4x = 3200$$~~

~~$$x = \frac{3200}{4}$$~~

~~$$x = 800$$~~

c)

Sol. Car price : 70 million after 20% discount

Marked price ?

So,

"x" is marked price

~~$$x - x \times 20\% = 70 \text{ million}$$~~

~~$$x - \frac{20}{100}x = 70$$~~

~~$$x - \frac{x}{5} = 70$$~~

~~$$x \left(1 - \frac{1}{5}\right) = 70$$~~

~~$$x \left(\frac{5-1}{5}\right) = 70$$~~

~~$$\frac{4x}{5} = 70$$~~

$$\frac{4x}{5} = 70$$

$$4x = 350$$

$$x = \frac{350}{4}$$

$$x = 87.5$$

Market price 87.5 million

d.)

$$x + x \times 10\% = y$$

$$y - y \times 10\% = z$$

$$y - z = ?$$

Q. 8:-

a) $\text{area} = 289 \text{ sq. ft}$
 $\text{per foot} = 58$

One side = $\sqrt{289} = 17 \text{ ft}$

4 sides = $4 \times 17 = 52 \text{ ft}$

$52 \times 58 = 3016 \text{ sq. feet}$

b) Avg salary of 21 is 15000

$\frac{\text{Sum}}{24} = 15000 \rightarrow 15000 \times 1$

addig Manager's

$\frac{\text{Sum}+x}{25} = 19000 \rightarrow 19000 \times 25$

$\text{Sum}+x = 19000 \times 25$
 $\text{Sum} = (19000 \times 25) - x \rightarrow ③$

From ①

$\text{Sum} = 15000 \times 24 \rightarrow ④$

equating ③ & ④

$15000 \times 24 = (19000 \times 25) - x$

$360000 = 475000 - x$

$x = 475000 - 360000$

$x = 115000$

2

N = 0861

c.

Article original worth = x ~~x~~ ~~$+ x +$~~

d. if daughter is Girl's Mother (Not specified)
 then boy is brother

if daughter is not Girl's Mother
 then Cousin

$$x + y \% = 1920$$

$$n - x + y \% = 1280$$

Equally

$$x + y \% = n - x + z \% \text{ at}$$

$$x + n - x + y \% = 1920$$

$$y \% = \frac{1920 - x}{n}$$

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$$y\% = \frac{1280 - n}{-n}$$

equating both

$$\frac{1280 - x}{-n} = \frac{1920 - n}{n}$$

$$1280 - x = 1920 - n \times (-1)$$

$$1280 - x = -1920 + n$$

$$-2x = -1920 - 1280$$

$$-2x = -3200$$

$$x = 1600$$

Original price

$$1600 \times 25\%$$

$$\frac{1600 \times 25}{100} = 160 \times 25 + 1600$$

$$16 \times 25 = 400$$

$$86, 1600 + 400 = 2000$$

Article should be sold

at 2000 rupees.