

# Section #2

Q

Q #7

Dos and Don'ts for the General Science & Ability Paper

~~Data~~

Hi there — you've prepared well! Remember, knowing the content is one thing, but presenting it in the paper exactly as required is another. Here are a few key points to keep in mind:

tenths is  $\approx X$

Unit 1. For a 5-mark part, aim to write at least 2 and at most 3 sides of the answer sheet. Often, a question has two or three parts, and the marks are divided accordingly — so address each part fairly.  $2w - (1)$

point 2. Manage your time wisely — you have about 35 minutes per full question, which comes down to around 8 minutes for each 5-mark part. Stick to this to avoid rushing later.

3. Make your answers look scientific, not just theoretical. Use flowcharts and diagrams

$X = 144$  where they add clarity.

put in eq (1)

4. Neatness matters — keep your handwriting clean, avoid cutting or overwriting.

$y = 2(144 - x)$

5. Mind your spelling and grammar — while GSA doesn't deduct marks for these, your expression leaves an impression.

6. In the ability portion, explain analytical ability

questions in words. For a 5-mark part, show all steps and provide clear explanations.

$$So \quad x \approx 96 \quad y \approx 48 \quad x + y = 144$$
$$x(96) = 144 = x = 144 / 96 = 1.484$$

Good luck for CSS 2026 — you're going to ace it, in sha Allah! 

(b)

$$53 - 13 = 40$$

$$40 - 13 = 27$$

$$\begin{array}{r} 27 \\ - 13 \\ \hline 14 \end{array}$$

$$27 - 13 = 14$$

so

53, 53, 40, 40, 27, 27, 14, 14

(ii)

$$28 - 14 + 14 = 28$$

$$28 - 8 = 20$$

$$20 - 20 + 20 = 40$$

$$40 - 8 = 32$$

$$40 - 8 = 32 \quad 32 + 32 = 64$$

$$40 - 8 = 32 \quad 64 - 8 = 56$$

$$\begin{array}{r} 32 \\ \times 8 \\ \hline 256 \end{array}$$

so

64, 28, 20, 40, 32, 64, 56

(iii)

8, 6, 9, 23, 87, 12, 10, 29

$$23 + n = 87$$

$$\begin{array}{r} 87 \\ - 23 \\ \hline 64 \end{array}$$

so

BF IV

B, F, R, V

4 2 3

ABCDEFHIJKLMNOP  
STUVWXYZOPQR

(V)

$v_u, w_v, x_w, y_x, z_y$

$v_u, w_v, x_w, y_x, z_y$

(C)

$$20\% \omega = b \Rightarrow 0.2a = b$$

$$\frac{b}{a} \geq ?$$

$$\frac{20}{100} \times 20 \Rightarrow 0.2b$$

$$0.2a = b$$

So  $\frac{b}{a}$  if  $20$  is same as  
 $20\% \text{ of } a$

(d)

Q # 5  $\rightarrow$  (a)

Consecutive prime number Sum = 187

let x be the prime number

$$x_1 + x_2 + x_3 = 187$$

~~59~~  
57  
61

$$59 + 61 + x_3 = 187$$

$$120 + x_3 = 187$$

$$x_3 = 187 - 120$$

$$x_3 = 67$$

$$x_2 = 67$$

so

$$59 + 61 + 67 = 187$$

Q

(b)

Let  $x$  be the number

$$x + 17 = 60x \frac{1}{x}$$

$$x^2 + 17x = 60$$

$$x^2 + 12x - 5x - 60$$

$$x(n - 12) - 5(n - 12)$$

$$(n - 5)(n - 12)$$

$$n = 5 \text{ or } n = 12$$

25

30

35

40

45

50

55

60

65

70

75

80

85

~~$x^2 + 17x = 60$~~

~~$x(n - 12) - 5(n - 12)$~~

~~$(n - 5)(n - 12)$~~

~~$n = 5 \text{ or } n = 12$~~

~~25~~

~~30~~

~~35~~

~~40~~

~~45~~

~~50~~

~~55~~

~~60~~

~~65~~

~~70~~

~~75~~

~~80~~

(d)

N

F

P

to

20

10

0

10

20

30

40

(c)

F

P

to

20

10

0

10

20

30

40

876 ~~100~~

1150

5

845 X 10

15  
St

2.5  
148/100

11

250

250

50% increase in population

26

25

(d)

(d)

polo 37S/ dozen

100

$$P_{\delta+\alpha} = 33 \text{ / egg}$$

Total number of eggs

$$20 \times 12 = \approx 240 \text{ eggs}$$

\* 333

Price

$$= 33 \times 240$$

7926)

$$\begin{array}{r} 370 \\ \times 16 \\ \hline 220 \\ 370 \\ \hline 5920 \end{array}$$

Price of purchasing egg

$$20 \times 375$$

$$Rs = 7500$$

$$Rs \text{ profit} = 7920 - 7500$$

$$Rs \text{ profit} = 420 \text{ Rs}$$

120  
100  
920