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Textbook - Corrections (ERRATA)

Hear Authors / Teachers,

I found quite a few corrections in ANSWER part both in English and Tamil medium textbook and hereby listing out the same. Kindly verify and confirm the same. Thank you.

Sl. No.	Page No. (E/M)	Unit No. Ex./Qn No.	Textbook Presentation. (ANSWER/தொடர்பு)	CORRECTION Suggested.
1.	336	Ex 1.4 Qn. 8.	1, 1.	$a = -1$ or $1$ (It is okay in T/M) $b = 1$
2.	336	Ex 1.5 Qn. No. 7	$f \circ g$ is one-one	$f \circ g$ is <u>not</u> one-one
3.	337	EX 2.4 Qn. 4(i)	$\frac{13}{3}, \frac{15}{4}$	$a_6 = \frac{15}{4}, a_{13} = \frac{13}{3}$ (order to be changed)
4.	339	Ex. 3.6 Qn. No. 4.	$\frac{3}{x^2 - 2x + 4}$	$\frac{x+1}{x^2 - 2x + 4}$
5.	339	Ex. 3.7 2 (ii) + (iii)	(ii) $\left  1 + \frac{1}{x^3} \right $ (iii) $ 3x - 4y + 5z $	(ii) $ 3x - 4y + 5z $ (iii) $\left  1 + \frac{1}{x^3} \right $ (Answer correct; exchange the order)
6.	339	EX 3.9 Qn. 1 (iv)	$x^2 + (2 - a^2)x + (a+5)^2 = 0$	$x^2 + \underline{(2-a)^2}x + (a+5)^2 = 0$
7.	340.	Ex. 3.14 2 (ii) (iii)	(ii) $\frac{29}{20}$ (iii) $-\frac{63}{8}$ (iv) $\frac{101}{54} x$	(ii) $\frac{29}{10}$ (iii) $\frac{117}{54}$ (iv) Remove (Qn. 2(iv) doesn't exist).

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Sl. No.	Page No. (E/M)	Unit/ Exercise/ Qn. No.	Textbook Presentation	CORRECTION Suggested.
8.	340	Ex. 3.16 Qn. 3(i)	$\begin{pmatrix} 1 & 3 & 5 \\ 0 & 2 & 4 \\ 1 & 1 & \underline{6} \end{pmatrix}$	$\begin{pmatrix} 1 & 3 & 5 \\ 0 & 2 & 4 \\ 1 & 1 & \underline{3} \end{pmatrix}$
9.	340	Ex 3.18 Qn. 1, 2, 3.	1) PXR, not defined 2) 7, 10 3) 3x3, 4x2, 4x2, 4x1, 1x3 (Answer correct; Order to be changed)	1) 3x3, 4x2, 4x2, 4x1, 1x3. 2) pXR, not defined 3) 7, 10. $\uparrow$
10.	340	EX. 3.18 Qn. No. 4.	$\begin{pmatrix} 12 & 19 \\ 10 & 3 \end{pmatrix}, \begin{pmatrix} -10 & -4 \\ 24 & \underline{23} \end{pmatrix}$	$\begin{pmatrix} 12 & 19 \\ 10 & 3 \end{pmatrix} \begin{pmatrix} -10 & -4 \\ 24 & \underline{25} \end{pmatrix}$
11.	340	Unit Exercise-3. Qn. No. 7.	$\frac{1}{2qr}$	$\frac{(p+q+r)^2}{2qr}$
12.	340	Unit Exercise-3. Qn. 17 (i)	$\begin{pmatrix} 750 & 1500 & 2250 \\ 3750 & \underline{4250} & 750 \end{pmatrix}$	$\begin{pmatrix} 750 & 1500 & 2250 \\ 3750 & \underline{2250} & 750 \end{pmatrix}$
13.	340	Ex 4.1 Qn. No. 7, 8	7) 2.8 cm	8) 2.8 cm (Qn. No. mistake)
14.	341	Ex 5.1 Qn. 7, 8.	7) 2, -18.24 sq. units.	7) 2, -1 8) 24 sq. uni. (Leave space between -1 and 8)
15.	341	Ex 5.1 Qn. No. 9	<u>38</u> sq. units.	<u>122</u> sq. units
16.	341	EX 5.2 Qn. No. 11.	11) 5, 214. $\left(1, -\frac{3}{2}\right)$ or	11) 5, 2 14) $\left(1, -\frac{3}{2}\right)$ or $\left(3, \frac{-1}{2}\right)$ (Leave space between 2 and 14.)



Sl. No.	Page No. (E/M)	UNIT/ Exercise/ Qn.No.	TEXTBOOK Presentation.	CORRECTION Suggested.
17.	341.	EX. 5.3 Qn. No. 9	$x + 4y - 14 = 0$	(i) $x + 4y - 14 = 0$ (ii) $3x + 5y - 28 = 0$ . (altitude length)
18.	342	EX. 7.3 Qn. No. 5	$56.51 \text{ cm}^3$	$77.78 \text{ mm}^3$
19.	343	EX. 7.4 Qn. No. 5.	$281200 \text{ cm}^3$	$1812000 \text{ cm}^3$
20.	343	EX. 8.3 Qn. No. 3	3(i) $\frac{15}{32}$	3(i) $\frac{15}{32}$ (ii) 340 $\wedge$ (missing)
21.	343	EX. 8.3 Qn. 7	(i) $\frac{1}{6}$ (ii) $\frac{1}{6}$ (iii) $\frac{7}{36}$	(i) $\frac{1}{6}$ (ii) $\frac{1}{6}$ (iii) $\frac{7}{36}$ (iv) 0 ↑ (missing)
22.	343	EX. 8.3 Qn. 14 (iii)	14 (iii) $\frac{5}{36}$	14 (ii) $\frac{5}{6}$
23.	343	EX. 8.4 Qn. 8, 9, 10.	8) $\frac{13}{18}$ 9) $\frac{73}{280}$ 10) $\frac{17}{40}$	8) $\frac{5}{6}$ 9) $\frac{7}{8}$ 10) $\frac{73}{280}$
24.	343	EX. 8.4 Qn. 11, 12.	11) 1 12) $\frac{11}{48}, \frac{11}{24}, \frac{11}{16}$	11) $\frac{17}{40}$ 12) 1.
25.	343	EX. 8.4. Qn. 13, 14.	(Answer not given)	13) $\frac{11}{48}, \frac{11}{24}, \frac{11}{16}$ 14) $\frac{4}{5}$
26.	343.	Unit Exercise. Qn. 12. i) iii)	i) $\frac{13}{20}$ iii) $\frac{1}{49}$	i) $\frac{13}{49}$ iii) $\frac{10}{49}$
27.	343.	Unit Exercise 12 (iv)	(Answer not given)	12 (iv) $\frac{1}{49}$ .