
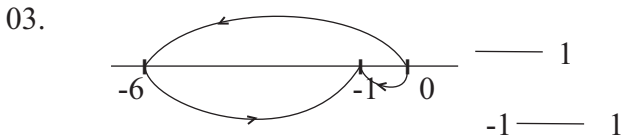
 <p style="text-align: center;">பலான் அமாயபன டேபார்தமென்ஜுவ - டுஜுர் மீட பலான் மாகாணக் கல்வித்திணைக்களம் - வடமத்திய மாகாணம் Department of Education – North Central Province</p>	
08 - ஓசுகிய வெவன வார பரீக்ஷகுகிய - 2024	
கணினய பிலிஜுர் பஜுவ சிஜகிய :-	

01. $2(8) - 1$ — 1
 $16 - 1$
 15 — ②

02. $3a - 2 = 4$ } — 1
 $3a = 6$ }
 $a = 2$ — ②



04. $4ab^2, 8a^2b^2c$
 $4ab^2$ — ②
 4 ண்நலவ — 1

05. $\hat{A}OB = \hat{A}OD$ — 1
 $\hat{B}OD = \hat{A}OD$ — 1

06. $A = \{6, 7, 8, 9\}$ — 1
 $n(A) = 4$ — 1

07. $1t 25kg \times 15$ — 1
 $15t 375kg$ — ②

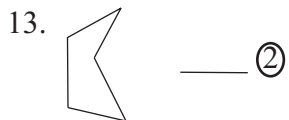
08. $34 - 1$ — 1
 33 — ②

09. $-5(a - 2b + 4c)$ — ②
 $-5a + 10b - 20c$ — 1

10. 140 — 1
 70 — 1

11. $\frac{1}{2} \times 2 \times 1$ — 1
 $1 m^3$ — ②

12. I. 8 — 1
 II. 7 — 1



14. $\frac{10}{2} = 5cm$ — 1
 $5 \times 4 = 20cm$ — ②

15. $5 \frac{1}{2} - (-4)$ } — 1
 $5 \frac{1}{2} + 4$ }
 $9 \frac{1}{2}$ } $10 - 9 \frac{1}{2}$
 $00:30$ பச.வ. 12.30 — ②

16. $\frac{1}{2} \times 8 \times 5$ — 1
 4×5
 $20 cm^2$ — ①

17. 275×3 — 1
 $825 ml$ — ②

18. $<$ — ②

19. $7 : 5$
 $\frac{7}{5} \times 100\%$ — 1

20. $1 : 600$
 $1 cm$ — $6m$ — 1
 $6 \times 3 = 18m$ — ②

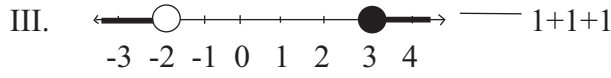
140% — ②

II පත්‍රය

01. (a)

I. $A = 14.4$ ——— 1
 $B = 17.8$ ——— 1

II. $-2 \leq X < 3$ ——— 2



(b) I. C ලක්ෂය ——— 1
 $(7, -2)$ ——— 1 @. 1

II. ABCD සමචතුරස්‍රය සමමිතික අක්ෂ 2 ——— 1
 ජේදන ලක්ෂය $(4,1)$ ——— 1

III. 4 ——— 1

(c) I. $20 + 30 + 30 + 12 + 12 = 104$ cm

1cm ——— 400cm
 1cm ——— 4m ——— 1
 104×4 ——— 1
 416 m ——— 1

02. (a)

$\frac{22}{40} \times 100\%$ ——— 1
 $= 11 \times 5$
 $= 55\%$ ——— 1

(b)

I. ක ම ජ
 $3 : 2$
 $2 : 1$
 $\frac{6 : 4 : 2}{3 : 2 : 1}$ ——— 1
 ——— 1

III. $\frac{3 \times 12000}{6}$ ——— 1
 $=$ රු. 6000 ——— 1

(c) I. $3b - 2$ ——— 1 + 1

II. $3b - 2 = 58$ ——— 1

III. $3b - 2 = 58$
 $3b = 60$ ——— 1
 $b = 20$ ——— 1

03. I. $(+2) + (-3)$ ——— 1
 (-1) ——— 1

II. $\frac{(+2) \times (-4)}{(-4)} = \frac{(-8)}{(-4)} = 2$ ——— 1+1

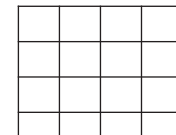
III. $2(6x - y - 2)$
 @. 1 @. 1

IV. $8y^3$
 $2^3 \times y^3 = (2y)^3$ ——— @. 1 + 1

V. $(3a)^3 \times (2b)^3$
 $27a^3 \times 8b^3$ ——— @. 1 + 1
 $216a^3 b^3$ ——— @. 1

04. I. $20 + 20 + 20 + 20 + 20 + 20 + 20 + 20$

20×8 ——— @. 1
 160 cm ——— @. 1

II.  20×6 ——— @. 1
 120 cm ——— @. 1

රූපය ඇඳීමට @. 1

(b). $12 +$ ශීර්ෂ = $30 + 2$
 ශීර්ෂ = $32 - 12$ ——— @. 1
 ශීර්ෂ = 20 ——— @. 1

@. I. සමපාද ත්‍රිකෝණය } ඕනෑම 2 ට
 සමචතුරස්‍රය } @. 2
 සවිධි ඡඩාස්‍රය }

II. නොවේ ——— @. 1
 සෑම ශීර්ෂයක් සඳහාම හැඩතල එකම ආකාරයට හමු නොවීම. ——— @. 1

05. (a) I. $2\frac{1}{2} \times \frac{1}{2}$ — @.1

$\frac{5}{2} \times \frac{1}{2}$ — @.1

$\frac{5}{4} = 1\frac{1}{4}$ — @.1

II. $4\frac{1}{2} \div 2\frac{1}{4}$

$= \frac{9}{2} \div \frac{9}{4}$ — @.2

$= \frac{9}{2} \times \frac{4}{9}$ — @.1

$= 2$ — @.1

(b). I. $2 \times 3 \times 3$ — @.1
 $= 18$ — @.1

II. $\sqrt{324}$ — @.1

$= 18 \text{ cm}$ — @.1

06. I. $A = \{6, 9, 12, 15, 18\}$ — @.1

$C = \{W, E, L, C, O, M\}$ — @.1

II. $n(D) = 0$ — @.1

D අභිදාන කුලයක් — @.1

III. $9 \in A$ — @.1

$h \notin B$ — @.1

(b). I. 30 — @.1

II. $\frac{14}{30} = \frac{7}{15}$ — @.1+1

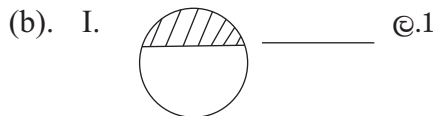
III. $\frac{2}{8} = \frac{1}{4}$ — @.1+1

07. (a).

$x = 50^\circ$ — @.1

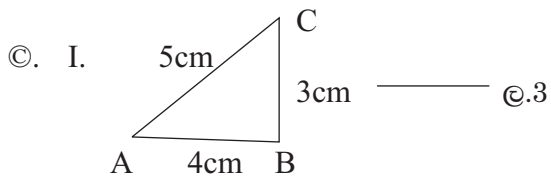
$180^\circ - 120^\circ$
 60° — @.1

$y = 50^\circ + 60^\circ$
 $y = 110^\circ$ — @.1



II. අරය — @.1

කේන්ද්‍රික ඛණ්ඩයක් — @.1



II. $\hat{ABC} = 90^\circ$ — @.1

III. විෂමපාද ත්‍රිකෝණයක් — @.1