Answers AA Test Paper G6 MEF

Model 1

Pg 34.

1) 799

2) $\frac{2}{5}$

3) 636

4) Parallelogram.

5) $\frac{5}{15} = \frac{1}{3}$

6) $7^2 = 7 \times 7 = 49$

7) 5000 g

8) 906

9) 210

10) $8 = 2 \times 2 \times 2$
$24 = 2 \times 2 \times 2 \times 3$.
H.C.f = $2 \times 2 \times 2 = 8$ ←

11) $\frac{3}{7}$ ←

12) $15 + 5 = 20$ ←

13) $(180 - 120) = 60°$ ←

14) a) Four hundred and thirty three.
b) 510

15) cylinder | 2 | 1

16) $6 \times 3 = Rs 18$

17) 20 minutes.

18) 8529 → B.

19) $5000 + 40 = 5040$ → D

20) $0.8 = \frac{8}{10}$ → A

21) C

22) T.S.A = $6 \times 4^2 = 6 \times 16 = 96$ → D

23) width = $\frac{96}{12} = 8$ cm → A.

24) 6.75
+ 5.25
12.00 → A

25) $\frac{850}{5} = 170$ → B.

26) B

27) Area = $\left(\frac{1}{2} \times 12 \times 8\right) = 48$ → B

Pg

28 a) $(41 + 8) = 49$

$\begin{array}{r} 25 \\ -17 \\ \hline 8 \end{array}$.

b) 2.

29) Reena = 185
Karisma = $(185 - 15) = 170$
Altogether = $(185 + 170) = Rs\ 355$ ←

30) N° of pupils = $(18 + 24) = 42$
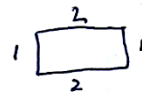Fraction girls = $\frac{24}{42} = \frac{12}{21} = \frac{4}{7}$ ←

31) 6 days = Rs 1890
1 day = $\frac{1890}{6}$
28 days = $\left(\frac{1890}{6} \times 28\right) = Rs\ 8820$ ←

32) width = $\frac{48}{6} = 8$
length = $(8 \times 2) = 16$.
Area = $(16 \times 8) = 128\ cm^2$ ←

33) (a) 11 (b) 9

34) children = 280
Percentage = $\left(\frac{280}{875} \times 100\right)$
= 32% ←

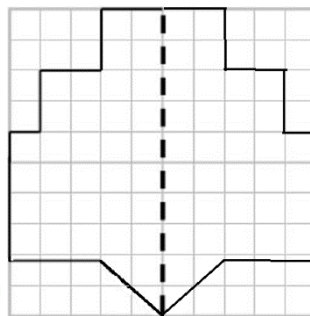$\begin{array}{r} 875 \\ -595 \\ \hline 280 \end{array}$ $\begin{array}{r} 382 \\ 21\ 3 \\ \hline 595 \end{array}$.

35) Sum of 4 numbers = $(75 \times 4) = 300$
Sum of 3 numbers = $(80 \times 3) = 240$
fourth number = $(300 - 240) = 60$ ←

Pg
36.

37) 735 g ←

1480
− 745

38) (a) $\frac{315}{0.09} \times \frac{\times 100}{\times 100} = \frac{31500}{7}$

= 4500 ←

(b) height $= \left(\frac{560}{10 \times 7}\right) = 8$

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39) (a) 56 283

(b) 2.57

(c) 218

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40) (a) $\boxed{\frac{1}{8}}$ $\boxed{\frac{1}{2}}$ $\boxed{\frac{7}{10}}$ $\frac{1 \times 5}{2 \times 5} = \frac{5}{10}$

(b) $\frac{1}{8}$ is the smallest.

$\frac{1}{2}$ is the middle between 0 and 1

$\frac{7}{10}$ is the biggest.

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41) (a)

10 00
− 05 00
05 00

1 h → 3 min.

5 h → (3×5) = 15 min.

ANS = (10 00 + 15)

= 10 15 ←

(b) 8th → sunday.

8+7 = 15th → sunday.

| 16 | 17 | 18 | 19 |
| M | Tu | W | Th. |

Ans: Thursday ←

(c)

09 30
+12 00
21 30

21 30
− 04 00
17 30

Ans: 17 30 ←

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42 (a) Angle X = (360 − 120) = 240° ←

(b) 360° → 630 people.

1° → $\frac{630}{360}$

120° → $\left(\frac{630 \times 120}{360}\right) = 210$ children ←

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43)

81
+ 90
171

360
− 171
189 .

a : b : Total.

4 : 3 : 7)×27

189

$\frac{189}{7} = 27$

a = (27 × 4) = 108°.

x = (180 − 108) = 72° ←

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44) Time taken by bus = $\frac{D}{S}$

$= \frac{30}{60} = \frac{1}{2}$ h.

= 30 minutes.

Time taken by car = (30 − 15) = 15 minutes

$= \frac{15}{60} = \frac{1}{4}$ h.

Speed of car = $\frac{D}{T}$.

$= \frac{30}{1/4}$ or $30 \div \frac{1}{4}$.

$= 30 \times \frac{4}{1}$.

= 120 km/h ←

2

Pg

1) 889

2) 431

3) 1900

4) 37

5) $\dfrac{5 \times 2}{6 \times 2} - \dfrac{7}{12} = \dfrac{10}{12} - \dfrac{7}{12}$

   $= \dfrac{3}{12}$ or $\dfrac{1}{4}$ ←

6) Perimeter $= (6 \times 4) = 24$ cm
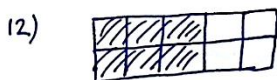
7) 642

8) North.

9) 4

10) 900

11) $4^3 = 4 \times 4 \times 4 = 64$ ←

12)

13) $88 + 93 + 62 = 243$

    $x = (360 - 243) = 117°$

14) a) Nine hundred and fifteen.

    b) 354.

15) (a) Triangular prism.

    (b) 5

    (c) 8

    (d) 6

16) $3 \Rightarrow 4.50$

    $1 \Rightarrow \dfrac{4.50}{3}$

    $10 \Rightarrow \left(\dfrac{4.50}{3} \times 10\right) = $ Rs 1.50

17) Basketball.

18) 8.

19) A.

20) B.

21) Kavita $= (20 + 35) = 55$

    Altizeta $= (55 + 35) = $ Rs 90 $\Rightarrow$ B.

22) D

23) $(60 + 27) = 87$ min $\Rightarrow$ A.

24) $2 : 3 \underset{\times 12}{} \quad \overset{\text{Total}}{\underset{60}{5}} \Big) \times 12 \qquad \dfrac{60}{5} = 12.$

    Bigger share $= (12 \times 3) = $ Rs 36 $\Rightarrow$ C.

25) C

26) $(75 + 16) = 91; \Rightarrow$ B

27) $(100 + 50) = 150$ cm $\Rightarrow$ B

28) adults $= \left(\dfrac{9}{15} \times 75\right) = 45.$

    Children $= (75 - 45) = 30$ ←

29) (a) Black $= (0.7 \times 300) = 210.$

    white $= (300 - 210) = 90.$

    More $= (210 - 90) = 120$ ←

    (b) Not red $= 1 - \dfrac{2}{9} = \dfrac{7}{9}.$

    Blue $= \left(\dfrac{3}{7} \times \dfrac{7}{9}\right) = \dfrac{3}{9}.$

    Red + Blue $= \dfrac{2}{9} + \dfrac{3}{9} = \dfrac{5}{9}.$

    Green $= 1 - \dfrac{5}{9} = \dfrac{4}{9}.$

    $\dfrac{4}{9} \Rightarrow 32.$

    $1 \Rightarrow \left(32 \times \dfrac{9}{4}\right) = 72$ ← Total.

30 (a) $1\dfrac{3}{4}$ hr $= (60 + 45)$ $\dfrac{3}{4} \times \overset{15}{\cancel{60}} = 45$

    $= 105$ min.

    20 minutes $= 4$ toys.

    1 min $= \dfrac{4}{20}.$

    105 min $= \left(\dfrac{4}{20} \times 105\right) = 21$ toys ←

Pg

30 (b) $\begin{array}{r} 3.15 \ + \\ 20 \\ \hline 3.35 \end{array}$ ←

31)

P	M	O	Total.
1	2	4)×4	7)×4
			28

$\frac{28}{7} = 4$.

olives = $(4 \times 4) = 16$

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32)

a) $17 \times 2 = 34$.

$\frac{204}{34} = 6 \leftarrow$.

b) i) 239.

(ii) 23.9

(iii) 420

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33) (a) $\left(\frac{20}{100} \times 800\right) = Rs\,160$.

$(800 + 160) = Rs\,960 \leftarrow$.

(b) $(25\% + 15\%) = 40\%$.

left = $(100 - 40) = 60\%$.

left = $\left(\frac{60}{100} \times 400\right) = 240$ beads $\leftarrow$

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34) Total of 6 numbers = $(72 \times 6) = 432$.

Sum of 4 numbers = $(58 + 63 + 67 + 74)$

$= 262$.

Sum of 2 numbers = $(432 - 262)$

$= 170$.

Average of 2 numbers = $\frac{170}{2} = 85$

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35)

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36) Area of room = $(700 \times 500) = 35\,0000\,cm^2$

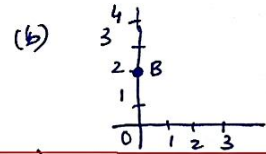Area of 1 tile = $(25 \times 25) = 625\,cm^2$.

N° of tiles = $\frac{35\,0000}{625} = 560 \leftarrow$

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37) Reshna = 420   Divya = $(420 - 38) = 382$

Jenny = $(2 \times 382) = 764$.

Altogether = $(420 + 382 + 764) = 1566 \leftarrow$

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38) a) A (3,4)   (b)

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39) N° of rupees = $(525 \times 41.50) = 21\,787.50$

Money left = $(21787.50 - 9973.50) = 11\,814$.

N° of dollars = $\frac{11\,814.00}{35.80} \times 10 = \frac{118140}{358}$

$= \$\,330 \leftarrow$

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40) a) N° of pears = $(35 \times 75) = 2625 \leftarrow$

(b) $\left(\frac{20}{100} \times 2625\right) = 525$

Money = $(525 \times 3) = 15.75 \leftarrow$.

(c) $(2625 - 525) = 2100$.

N° of box = $\frac{2100}{14} = 150$.

1 box = Rs 45

150 boxes = $(45 \times 150) = 6750 \leftarrow$

(d) Total money gained = $(1575 + 6750) = 8325$

$150\% \to 8325$

$1\% \to \frac{8325}{150}$.

$100\% \to \left(\frac{8325}{150} \times 100\right) = 5550 \leftarrow$

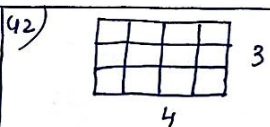
41) (i) mass of Pineapple = $(3750 - 2900)$

$= 850\,g$

ii) mass of watermelon = $(850 \times 3) = 2550\,g$

watermelon + pineapple = $(850 + 2550g) = 3400\,g$

mass of bag = $(3750 - 3400) = 350\,g$

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42)

3

4

12 squares = 768

1 square = $\frac{768}{12} = 64$.

length = $\sqrt{64} = 8$.

length = $(8 \times 4) = 32\,cm \leftarrow$

Model 3

1) 719.

2) 439.

3) 5

4) 2552.

5)(a) Four thousand two hundred and thirty nine.

(b) 954.

6) $\frac{6}{8} = \frac{3}{4}$ ←

7) $23 \times 100 = 2300$ cents ←

8) $\frac{5}{16}$

9) 48

10) $\frac{5}{8} + \frac{3 \times 2}{4 \times 2} = \frac{5}{8} + \frac{6}{8} = \frac{11}{8}$ or $1\frac{3}{8}$

11) $3^3 = 3 \times 3 \times 3 = 27$ ←

12) 27.

13) $24 = 2 \times 2 \times 2 \times 3$
$36 = 2 \times 2 \times 3 \times 3$.
H.C.F $= 2 \times 2 \times 3 = 12$.

14) 122, 236, 302, 412.

15) $90° - 60° = 30°$ ←

16) $\frac{5}{8} \div \frac{3}{4} = \frac{5}{8} \times \frac{4}{3} = \frac{5}{6}$.

17) Volume $= (20 \times 10 \times 12) = 2400 \text{ cm}^3$

18) $0 + 4000 + 2 + 30 = 4032 \rightarrow$ D.

19) $9 = 3 \times 3$
$15 = 3 \times 5$
L.C.M $= 3 \times 3 \times 5 = 45 \rightarrow$ D.

20. C

21. $\frac{2}{5} \times 100 = 40\% \rightarrow$ C.

22 $= (26.35 + 1.75) = Rs\ 28.10 \rightarrow$ B.

23) North west $\rightarrow$ A.

24). D.

25) $8 \times 8 \times 8 = 512 \rightarrow$ B.

26) A.

27)

M	T	W	Th	F	Sa	Su
		26	27	28	29	30
1	2	3	4			

wednesday $\rightarrow$ B.

28). 38 : is equal to 31 plus 7.
56 : is a multiple of 7.
13 : is a prime number.

29 (a) cube
(b) 8
(c) 12.

30) $\frac{470}{1000} + 3 + \frac{50}{100} = 0.47 + 3 + 0.5 = 3.97$ L

31) $\overset{12}{\cancel{36}} \times \frac{4}{\cancel{3}} = 48$.

32) sum of 3 numbers $= (81 \times 3) = 243$.
Third number $= 243 - (56 + 115)$
$= 243 - 171$
$= 72$ ←

33) $120\% \rightarrow 2400$.
$1\% \rightarrow \frac{2400}{120}$.
$100\% \rightarrow \left(\frac{2400}{120} \times 100\right) = Rs\ 2000$ ←

34)
$13 \boxed{} 13$
$13 + 13 = 26$.
$(74 - 26) = 48$
$48 \div 2 = 24$ ←

5

35) outside = 25%.

live in catchment area = (100 - 25) = 75.

No. of pupils = $\left(\frac{75}{100} \times 300\right)$

$\begin{array}{r} 175 \\ \times 3 \\ \hline 225 \end{array}$

= 225

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36) (a) 56

(b) 92.

(c) $\frac{5152}{0.92} = \frac{515.2}{92} = 5.6$.

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37) (a) $(128 \times 40) = Rs\ 5120$.

(b)(i) $(5120 - 3508) = Rs\ 1612$.

(ii) $\frac{1612}{52} = 31$.

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38) No. of teachers =
(a) $= (2 \times 2) + (3 \times 4) + (4 \times 3) + (5 \times 5) + (7 \times 1)$
$= 4 + 12 + 12 + 25 + 7$
$= 60$.

(b) No. of schools $= (2 + 4 + 3 + 5 + 1)$
$= 15$

% of 4 teachers $= \left(\frac{3}{15} \times 100\right) = 20\%$.

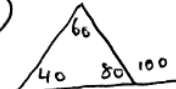39) $\times 12\ \begin{cases} 4 & : & 7 \\ 48 & : & 84 \end{cases} \times 12$ $\frac{84}{7} = 12$.

Ans: 48 ←

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40)(a) $(360 - 120) = 240°$.

(b) $360° \rightarrow 450$ spectators.

$1° \rightarrow \frac{450}{360}$.

$120° \rightarrow \left(\frac{450}{360} \times 120\right) = 150$ men. ←

Model 1
6

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41) area = $(15000 \times 5000) = 75\ 000\ 000$
(a)

(b) Area of 1 title = $(50 \times 50) = 2500$.

No. of tiles needed $= \frac{75000000}{2500} = 30,000$.

(c) Area of hall in m² = (150×50)
$= 7500$.

Amount to be paid = (7500×15)
$= Rs\ 112500$.

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42) 1.25 p.m = 13:25

(a) 2h 45 min.
$2\frac{3}{4}$ h. ←

$\begin{array}{r} 12\ \ 60 \\ 13:15 \\ -10:30 \\ \hline 2\ \ 45 \end{array}$

$2\frac{3}{4} = \frac{11}{4}$.

(b) Speed = Distance ÷ Time.
$= 198 ÷ \frac{11}{4}$.
$= 198 \times \frac{4}{11} = 72$ km/h.

(c) Time $= (2h\ 45 - 30) = 2h\ 15$ min.
$= 2\frac{1}{4}$ h $= \frac{9}{4}$ h.

Speed $=$ Distance ÷ Time
$= 198 ÷ \frac{9}{4}$.
$= 198 \times \frac{4}{9} = 88$ km/h ←

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43)

$\begin{array}{r} 150 \\ -100 \\ \hline 50 \end{array}$ $\begin{array}{r} 80 \\ +40 \\ \hline 120 \end{array}$ $\begin{array}{r} 180 \\ -120 \\ \hline 60 \end{array}$.

$x = 60°$ ←

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44 (a) $(70 + 30) = Rs\ 100$ (c) 5:30 → 17:30.

(b) 1h → 70.
1h → 30.
1h → 30
30 min → 30
$\overline{160}$. ←

$\begin{array}{r} 16\ \ 60 \\ 17:30 \\ -8:45 \\ \hline 8\ \ 45 \end{array}$

1h → 70.
7h → $(7 \times 30) = 210$.
45 min → 30
$\overline{Rs.\ 310}$ ←

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45) Sum of 3 numbers $= (175 \times 3) = 525$.

$\times 35\ \begin{cases} 8 : 3 : 4 \\ 280 : 105 : 140 \end{cases}$ $\begin{array}{c} Total \\ 15 \\ 525 \end{array} \times 35$ $\frac{525}{15} = 35$.

Sum $= (280 + 105) = 385$ ←

Model 4

1) 798

2) .163.

3) 4.

4) 2645.

5 (a) Eight thousand seven hundred and forty nine.

(b) 90371.

6. $\dfrac{24}{48} = \dfrac{6}{12} = \dfrac{1}{2}$ ←

7) 2 kg 10g $= (2000 + 10) = 2010\,g$ ←

8) $\dfrac{11}{16}$ ←

9) 1193.

10) $\dfrac{3}{4} \times \dfrac{3}{5} = \dfrac{9}{20}$.

11) $8^2 = 8 \times 8 = 64$.

12) $(16 + 6) = 22$.

13) $54 = (2) \times (3) \times (3) \times 3$.
$72 = (2) \times 2 \times 2 \times (3) \times (3)$
L.C.H $= 2 \times 2 \times 2 \times 3 \times 3 \times 3$
$= 216$ ←

14) 451, 415, 154, 145.

15) $(90 + 110°) = 200°$
$Y = (360 - 200) = 160°$ ←

16). $\dfrac{3 \times 2}{4 \times 2} - \dfrac{5}{8} = \dfrac{6}{8} - \dfrac{5}{8} = \dfrac{1}{8}$ ←

17) Paw paw $= (80 - 50) = 30$.
Fraction $= \dfrac{30}{80} = \dfrac{3}{8}$ ←

18) $(300 + 4000 + 7 + 20) = 4327 \to B$.

19) $9 = (3) \times 3$
$15 = (3) \times 5$
H.C.F $= 3 \to B$.

20) A.

21) $\left(\dfrac{4}{5} \times 100\right) = 80\% \to A$.

22) $(3.25 \times 5) = 16.25 \to A$.

23) D.

24). A.

25) $6 \times 6 = 36 \to C$.

26) D.

27) $\dfrac{1968}{4} = 492 \to C$.

28) 41 → prime number.
94 → is equal to 100 minus 6.
64 → is a multiple of 8.

29) (a) Pyramid.
(b) 5.
(c) 8.

30) $12 \to 30$.
$1 \to \dfrac{30}{12}$.
$16 \to \left(\dfrac{30}{12} \times 16\right) = 40$. ←

31). $\overset{9}{36} \times \dfrac{3}{4} = 27$ ←

32). Jayen $= \left(\dfrac{1}{4} \times 1000\right) = Rs\,250$.
Remainder $= (1000 - 250) = Rs\,750$
Paul $= \left(\dfrac{2}{3} \times 750\right) = Rs\,500$
left $= [1000 - (250 + 500)] = 1000 - 750$
$= Rs\,250$ ←

33) Children $= 100\% - 60\% = 40\%$.
No. of children $= \left(\dfrac{40}{100} \times 690\right) = 276$ ←

34) Profit $= \left(\dfrac{12}{100} \times 3000\right) = Rs\,360$.
Selling price $= (3000 + 360) = Rs\,3360$ ←

35) Area $= 196$.
length $= \sqrt{196} = 14$.
Perimeter $= (14 \times 4) = 56\,cm$ ←

36) (a) True.
(b) False.
(c) True.

37.
(a) Time = Distance ÷ speed.

$$= \frac{160}{64} = \frac{20}{8} = \frac{5}{2} \text{ h or } 2\frac{1}{2}\text{h} \leftarrow$$

(b)(i) Distance $= (270 - 160) = 110$ km.

Speed = Distance ÷ Time.

$$= 110 \div 1\frac{1}{4}.$$

$$= 110 \div \frac{5}{4}.$$

$$= 110 \times \frac{4}{5} = 88 \text{ km/h} \leftarrow$$

(ii) A. speed = $\frac{\text{Total}}{\text{Distance}} \div \frac{\text{Total}}{\text{Time}}$

$$= 270 \div \left(2\frac{1}{2} + 1\frac{1}{4}\right).$$

$$= 270 \div \left(3\frac{3}{4}\right)$$

$$= 270 \div \frac{15}{4}.$$

$$= \left(270 \times \frac{4}{15}\right) = 72 \text{ km/h} \leftarrow$$

38). Boys $= \left(\frac{50}{100} \times 110\right) = 55°$

Boys + girls $= (55 + 110) = 165°$ [children]

Adults $= (360 - 165°) = 195°$.

$195° = 1170$

$1° = \frac{1170}{195}$.

$165° = \left(\frac{1170}{195} \times 165\right) = 990 \leftarrow$

39) $ 40 $= (29.75 \times 40) = $ Rs 1190.

left $= (1190 - 854) = $ Rs 336.

Dollars left $= \frac{336}{42} = \$8$

40) $20 = 2 \times 2 \times 5$.

$30 = 2 \times 5 \times 3$.

L.C.M $= 2 \times 2 \times 3 \times 5 = 60$ minutes $= 1$ hour.

Next ring together $= (06\ 00 + 1h) = 07\ 00 \leftarrow$

41)(a)(i) Total $= (39 \times 20) = 780 \leftarrow$

(ii) Absent $= 1 - \frac{4}{5} = \frac{1}{5}$.

No. of absent $= \left(\frac{1}{5} \times 780\right) = 156 \leftarrow$

(b)
$$\begin{array}{r} 256 \\ - 28 \\ \hline 228 \end{array}$$

$2 \underline{|228}$
$\quad 114$

Vahini $= 114 \leftarrow$
Gyana $= (114 + 28)$
$\quad = 142 \leftarrow$

(c) Monday to Friday $= (310 \times 5) = 1550$.

Saturday and Sunday $= (450 \times 2) = 900$.

Total $= (1550 + 900) = 2450$.

Average $= \frac{2450}{7} = $ Rs 350 $\leftarrow$

42) mass of biscuit when full $= \left(2\frac{3}{4} - \frac{1}{2}\right) = 2\frac{1}{4}$

Answer $= \frac{2}{3} \times \frac{9}{4} = \frac{3}{2}$ or $1\frac{1}{2}$ kg $\leftarrow$

43) First one $= \left(\frac{5}{12} \times 3960\right) = $ Rs 1650

Rest $= (3960 - 1650) = $ Rs 2310.

Each $= \left(\frac{2310}{4}\right) = $ Rs 577.50 $\leftarrow$

44) (a). Rs 240

(b) 6 kg.

(c). 1 kg $\to$ Rs 60.

$10\frac{1}{2} \to (60 \times 10) + \left(60 \times \frac{1}{2}\right)$

$$= 600 + 30.$$

$$= 630$$

(d). 1 kg $\to$ Rs 60

15 kg $\to (15 \times 60) = $ Rs 900

change $= (1000 - 900) = $ Rs 100 $\leftarrow$

45). Volume $= 3000$.

$25 \times 20 \times h = 3000$.

(water). $h = \left(\frac{3000}{25 \times 20}\right) = 6$ cm.

water : container.

$\times 3 \left(\begin{array}{cc} 2 & : & 5 \\ 6 & & 15 \end{array}\right) \times 3$

Height of container $= 15$ cm $\leftarrow$

Model 5

(1) 960

(2) 358

(3) 8.

(4) 2151.

(5)(a) Nine thousand eight hundred and seventy six.

(b) 586.

(6) $\frac{25}{125} = \frac{5}{25} = \frac{1}{5}$ ←

(7) $(48 \times 10) = 480$ mm.

(8) $\frac{4}{12}$ or $\frac{1}{3}$

(9) 114.

(10) $\frac{7}{8} \times \frac{2}{4} \times \frac{2}{5} = \frac{7}{20}$ ←

(11) $9^2 = 9 \times 9 = 81$ ←

(12) $(12 \times 12) = 144$ ←

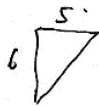(13) $27 = 3 \times 3 \times 3$
$108 = 3 \times 3 \times 3 \times 2 \times 2$.
H.C.F = $3 \times 3 \times 3 = 27$ ←

(14) 2136, 2631, 3126, 3261.

(15) perimeter = $(2 + 6 + 2.5 + 4.5)$
= 15 cm.

(16) $\frac{5}{8} \times \frac{10}{2} = \frac{25}{8}$ or $3\frac{1}{8}$

(17) Area = $\frac{1}{2} \times (5 \times 6)$
= 15 cm².

(18) $300 + 2000 + 0 + 40 = 2340 \to C$.

(19) $48 = 2 \times 2 \times 2 \times 2 \times 3$.
$72 = 2 \times 2 \times 2 \times 3 \times 3$.
L.C.M = $(2 \times 2 \times 2 \times 2 \times 3 \times 3) = 144 \to B$.

(20) A.

(21) $\left(\frac{3}{4} \times 100\right) = 75\% \to B$.

(22) $5.42 \times 10^2 = 5.42 \times 100 = 542 \to B$.

(23) D.

(24) B.

(25) $.929 \to 9 \times 9 \times 9 \to C$.

(26) B. (square).

$\begin{array}{r} 9\,\lfloor 729 \\ 9\,\lfloor 81 \\ 9\,\lfloor 9 \\ 1. \end{array}$

(27) $125\% \to 10500$
$1\% \to \frac{10500}{125}$.
$100\% \to \left(\frac{10500 \times 100}{125}\right) = 8400 \to B$.

(28) 93 → is equal to 86 plus 7.
81 → is a multiple of 9.
17 → is a prime number.

(29) (a) Cuboid
(b) 8.
(c) 12.

(30) 1 hour = 60 minutes.
2400 words → 60 min.
1 word → $\frac{60}{2400}$.
1000 words → $\left(\frac{60}{2400} \times 1000\right) = 25$ min ←

(31) $48 \div \frac{3}{4} = 48 \times \frac{4}{3} = 64$ ←
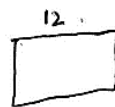
(32)(a) 12.
$\frac{3}{2} \to 12$.
$1 \to 12 \div \frac{3}{2} = 12 \times \frac{2}{3}$
width. = 8 m.
Area = $(12 \times 8) = 96$ m² ←

(32)(b)
length : width. $\frac{16}{8} = 2$.
$\times 2 \left(\begin{array}{cc} 9 & : & 8 \\ 18 & : & 16 \end{array}\right) \times 2$
Area = $(18 \times 16) = 288$ m².

(33) 2 Pens + 1 pencil = 15
$2(1.5 + pencil) + 1$ pencil = 15.
$3 + 2$ pencils + 1 pencil = 15.
3 pencils = 15 − 3
1 pencil = $\frac{12}{3} = 4$.

1 Pen = $(4 + 1.50) = RS.50$

9

34 (a) 147

(b) $76587 \to 76.587$. [move 3 d.p]

(c) 522.

35) 6 adults $= (80 \times 6) =$ Rs 480.

Children paid $= (4080 - 480) = 3600$.

N^o of children $= \dfrac{3600}{40} = 90 \leftarrow$

36) 1 pen + 1 eraser = 17.

$\left(\begin{array}{l} 12 \text{ pens} + 12 \text{ erasers} = (17 \times 12) = 204 \\ 20 \text{ pens} + 12 \text{ erasers} = Rs\ 300 \end{array}\right)$

$\quad\quad\quad\quad 8 \text{ pens} \quad\quad = (300 - 204)$

$\quad\quad\quad\quad\quad\quad\quad\quad = Rs\ 96$.

$\quad\quad 1 \text{ pen} \quad\quad\quad = \dfrac{96}{8} = Rs\ 12$.

1 eraser $= (17 - 12) = Rs\ 5 \leftarrow$

37).

Rs 39 $= 1$ dollar ($\$$).

Rs 1 $= \dfrac{1}{39}$.

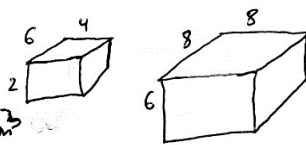Rs 1365 $= \left(\dfrac{1}{39} \times 1365\right) = \$35$

38) $\dfrac{5}{8} \to 50 L$.

$1 \to 50 \div \dfrac{5}{8} \Rightarrow \dfrac{50 \times 8}{5}$.

$\quad\quad\quad\quad = 80 L$.

39) (a) Volume $=$ $(8 \times 8 \times 6) = 384\ cm^3$

(b) Volume cut $= (6 \times 4 \times 2) = 48\ cm^3$

(c) $\dfrac{48}{384}$ or $\dfrac{6 \times 4 \times 2}{8 \times 8 \times 6} = \dfrac{1}{8}$
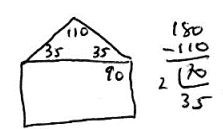
40 (a) . Christiano

(b) lucaku.

(c) $(6 \times 4) + ((7 \times 4) + 1) + ((3 \times 4) + 3) + (4 \times 4) + 2$

$= 24 + 28 + 1 + 12 + 3 + 16 + 2$.

$= 86 \leftarrow$

41)
Men	:	women	Total.

$\times 140 \left(\begin{array}{ccc} 2 & : & 3 \\ 280 & & 420 \end{array}\right) \times 140 \quad \begin{array}{c} 5 \\ 700 \end{array} \quad \dfrac{700}{5} = 140$

$\to$ Men remains the same.

Men : women.

$\times 70 \left(\begin{array}{cc} 4 & : & 5 \\ 280 & & 350 \end{array}\right) \times 70. \quad \dfrac{280}{4} = 70$

N^o of women left $= (420 - 350) = 70 \leftarrow$

42) (a) $(25 - 20) = 5$.

(b) $(20 + 35 + 25 + 40) = 120$.

(c) $\left(\dfrac{35}{40} \times 100\right) = 87.5$ or $87\frac{1}{2}\ \%$.

43)

$\begin{array}{c} 180 \\ -110 \\ \hline 70 \end{array} \quad \dfrac{70}{2} = 35$

(i) $x = 35° \leftarrow$

(ii) $y = 360 - (35 + 90)$

$\quad = 235° \leftarrow$

44) $96 = 2 \times 2 \times 2 \times 2 \times 2 \times 3$.

$40 = 2 \times 2 \times 2 \quad\quad \times 5$.

L.C.M $= 2 \times 2 \times 2 \times 2 \times 2 \times 3 \times 5 = 480$.

pass each other $= (480 + 2012) = 2492$.

45) (a) N^o of fruits sold $= \left(\dfrac{5}{8} \times 360\right) = 225$.

Selling price $= (225 \times 40) = Rs\ 9000. \leftarrow$

(b) Rest $= (360 - 225) = 135$.

3 fruits $\to$ Rs 100

1 fruit $\to \dfrac{100}{3}$.

135 $\to \left(\dfrac{100}{3} \times 135\right) = Rs\ 4500 \leftarrow$

(c) Total Selling price $= (9000 + 4500)$

$\quad = 13500$.

Profit $= (13500 - 7500)$

$\quad = 6000 \leftarrow$

Model 6

1. 699.

2. 444.

3. Thousand.

4. 2975.

5. (a) Ten thousand five hundred and twenty three.

(b) 59201.

6. $\dfrac{6}{36} = \dfrac{1}{6}$.

7. $(25 \times 100) = 2500$ cL.

8. $\dfrac{4}{9}$

9. 95

10. $\dfrac{3 \times 3}{4 \times 3} + \dfrac{5 \times 2}{6 \times 2} = \dfrac{9}{12} + \dfrac{10}{12}$.

$= \dfrac{19}{12}$ or $1\dfrac{7}{12}$.

11. Sum $= (20 + 34 + 37 + 45) = 136$.

Average $= \dfrac{136}{4} = 34$. ←

12. $(6 \times 6) = 36$.

13. $66 = 2 \times 3 \times 11$.

$110 = 2 \times 11 \times 5$.

H.C.F $= 2 \times 11 = 22$ ←

14. 564, 546, 465, 456. ←

15.

$\times 18 \begin{pmatrix} P : q & Total. \\ 2 : 3 & 5 \\ 36 & 90 \end{pmatrix} \times 18$. $\qquad \dfrac{90}{5} : 18$.

$P = 36°$ ←

16. $\dfrac{3 \times 2}{4 \times 2} - \dfrac{5}{8} = \dfrac{6}{8} - \dfrac{5}{8} = \dfrac{1}{8}$ ←

17. $\dfrac{1}{2}$ m $= \left(\dfrac{1}{2} \times 100\right) = 50$ cm.

1 m $= 100$ cm.

Volume $= (50 \times 100 \times 30) = 150\,000$ cm³ ←

18. $80000 + 5000 + 8 = 85008 \rightarrow$ C.

19. 2 right angles $\rightarrow$ C.

20. $10^2 - 4^3 = (10 \times 10) - (4 \times 4 \times 4)$.

$= 100 - 64 = 36 \rightarrow$ D.

21. $\dfrac{1}{4} \times 100 = 25\% \rightarrow$ A.

22. $(180 - 60) = 120° \rightarrow$ D.

23. East $\rightarrow$ D.

24. C.

25. $\sqrt{64} = 8 \rightarrow$ B.

26. C.

27. $\dfrac{1750}{125} = 14 \rightarrow$ A.

28. 36 – is a square number.

56 – is a multiple of 7.

13 – is a prime number.

29. (a) cylinder.

(b) 0 or no.

(c) 0 or no.

30. $\dfrac{1}{4}$ m $\rightarrow$ Rs 2.25.

1 m $\rightarrow$ $(2.25 \times 4) =$ Rs 9.

4 m $\rightarrow$ $(9 \times 4) =$ Rs 36 ←

31. $48 \div \dfrac{3}{4} = 48 \times \dfrac{4}{3} = 64$ ←

32. $\dfrac{36}{9} = 4$. $\qquad (7 \times 4) = 28$.

28 sweets $= (28 \times 3.50) =$ Rs 98. ←

33. loss $= (600 - 480) = 120$.

Percentage $= \left(\dfrac{120}{600} \times 100\right) = 20\%$

34. Time $=$ Distance $\div$ speed.

$= 720 \div 450$.

$= \dfrac{720}{450} = \dfrac{24}{15} = \dfrac{8}{5} = 1\dfrac{3}{5}$ h.

$\dfrac{3}{5} \times \overset{12}{60} = 36$ min.

$\begin{array}{r} 11 \ \ 34 \\ + \ 1 \ \ 36 \\ \hline 12 \ \ 70 \ - \\ + \ 1 \ \ 60 \ - \\ \hline 13 \ \ 10 \end{array}$ ←

35. (a) 48

(b) 86

(c) $\dfrac{4.128}{0.86} = \dfrac{412.8}{86} = 4.8$.

36 (a) $\dfrac{120}{360} = \dfrac{1}{3}$.

(b) 24 fruits $\rightarrow 360°$

1 fruit $\rightarrow \dfrac{360°}{24}$

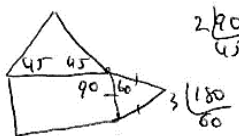7 oranges $\rightarrow \left(\dfrac{360}{24} \times 7\right) = 15 \times 7 = 105°$

(c) $\left(\dfrac{9}{24} \times 100\right) = \dfrac{75}{2}$ or $37\frac{1}{2}\%$

---

37) Total height $= (165 \times 4) = 660$.

James + Christ $= (660 - 327)$

$= 333$.

Christ $= \dfrac{333-3}{2} = \dfrac{330}{2} = 165\,cm$.

James $= (165 + 3) = 168\,cm$ ←

---

38)

$\dfrac{2|80}{45} + \dfrac{45}{90}$ $\dfrac{60}{3|180}$ $x = (360 - 195)$

$= 165°$ ←

$\dfrac{60}{195}$

---

39) $30 = 2 \times 3 \times 5$

$36 = 2 \times 3 \times 2 \times 3$.

L.C.M $= 2 \times 2 \times 3 \times 3 \times 5$

$= 180$ seconds ←

---

40) (a) Volume $= (30 \times 40 \times 50) = 60\,000\,cm^3$

(b) $15\,L = (15 \times 1000) = 15000\,cm^3$.

height of water $= \left(\dfrac{15000}{50 \times 40}\right) = \dfrac{15}{2}$ or $7\frac{1}{2}cm$.

---

41) N° of sweets given to Pupils $= (8 \times 52) = 416$

Total sweets bought $= (416 + 259) = 675$.

1 packet contain $= (6 \times 12) + \left(\dfrac{1}{4} \times 12\right)$

$= 72 + 3 = 75$ sweets.

N° of packets $= \dfrac{675}{75} = 9$ sweets ←

---

42) (a) N° of coaches $= \dfrac{350}{45} = \dfrac{70}{9} = 7\frac{7}{9}$.

N° of coaches $= 8$ ←
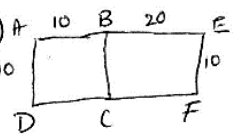
(b) $(45 \times 7) = 315$.

last coach $= (350 - 315) = 35$ ←

(c) Keeps $= \left(\dfrac{1}{4} \times 800\right) = £200$

exchanges $= (800 - 200) = £600$

Rupees $= (600 \times 40.5) = Rs\ 24\,300$ ←

---

43)

Area $ABCD = 100$.

length $AD = \sqrt{100} = 10$.

$BE = (2 \times 10) = 20$.

Area $BEFC = (20 \times 10) = 200\,cm^2$ ←

---

44) (a)

Men : Women.   More $\dfrac{295}{5} = 59$

8 : 3 $\}\times 59$ 5 $\}\times 59$

    177.   295

Women $= 177$ ←

(b)

8 erasers $+ 3$ pencils $= 300$.

2 erasers $+ 1$ pencil $= 80 \}\times 3$.

6 erase $+ 3$ pencil $= 240$.

2 erasers $= (300 - 240) = 60$.

1 eraser $= \dfrac{60}{2} = 30$.

1 pencil $= 80 - (30 \times 2)$.

$= 80 - 60 = 20$.

3 erase $+ 4$ pencils $= (3 \times 30) + (4 \times 20)$

$= 90 + 80 = Rs\ 170$ ←

---

45) 1 litre sells $\rightarrow Rs\ 126$.

80 litres $\rightarrow (80 \times 126) = 10080$.

1 litre apple $= 60$

30 litres apples $= (60 \times 30) = 1800$.

Profit $= 60\% \Rightarrow S.P = 160\%$.

$160\% \rightarrow 10080$.

$1\% \rightarrow \dfrac{10080}{160}$

$100\% \rightarrow \left(\dfrac{10080}{160} \times 100\right) = 6300$.

Cost price of mixture $= 6300$.

Cost price of pineapple $= (6300 - 1800)$

$= 4500$.

$50\,L$ pineapple $= 4500$

$1\,L = \dfrac{4500}{50} = 90$.

English MODEL 1 (Pg 12)

Question 1:
(i) The thieves broke into the house. They stole many valuables things.
(ii) He is a famous wood carver. He turns roots and woods into beautiful sculptures.
(iii) This geography book is informational. It gives details about many places.
(iv) I am really excited. I am going to the cinema with my friends.
(v) Scientists work hard on inventions. They create things that make our life comfortable.
(vi) The weather was rainy. Father stayed at home and watched T.V all day.
Extra sentence: My mother is ill.

Question 2:
1-B,   2-A,   3-C,   4-B,   5-D,
6-B,   7-C,   8-D,   9-C,   10-A

Question 3A:
bank, boat, spoon, musician, Christmas

Question 3B:
1-C,   2-B,   3-B,   4-D,   5-A

Question 4A
2. 1960
3. Because of an increase of car usage and road congestion.
4. 31 July 2017
5. Indian company Larsen & Toubro
6. Pravind Jugnauth   7.   Narendra Modi
8. 22 December 2019   9   15 days
10. 10 January 2020   11.   Rs 60

Question 4B:
1. (i) FALSE   (ii) TRUE   (iii) FALSE
2C   3B   4A   5D   6B
7 On the second night, they met at Josh's house to build the volcano.
8 Max's good habit is that he reads during his free time and this will   help him to learn more about the world.
9 hardworking, attentive
10. 3 - 4 - 1 -2

Question 5
(i) Henry went to the market to buy potatoes.
(ii) John is in the garden. He is helping his father.
(iii) She lives at Port Louis.
(iv) Mark and Jane are carrying a heavy chair.
(v) The child has not been wearing a hat.
(vi) Suddenly he slip on the wet floor and fell down..

Question 6A
wisest,   ordered,   to,   task,   means

Question 6B
set,   room,   full,   entered,   light

Question 7A
famous,   surrounded,   shot,   suddenly,   bravely

Question 7B
(a) To produce a smell, heat; sound, etc. (give off)
(b) To give something because you do not want or need it (give away)
(c) To stop working properly, become weaker. (give out)
(d) To accept that you are defeated, surrender. (give up)
(e) To stop doing something that is annoying other people. (give over)

Question 8B
1. As he was always late for work, his manager gave him a warning.
2. Despite our school played well, we lost the match.
3. Sarah told the truth, yet nobody believed her.
4. This is the woman who came to our class yesterday.

English Model 2 (Pg 46)

Question 1:
(i) The car was neither black nor red. It was white.
(ii) Father was lost while driving. He used his smart phone to find his way.
(iii) Vaccines help our body to fight infections. They prevent us from getting sick.
(iv) The children shouted loudly. My ears were hurt.
(v) Silence please. The baby is sleeping.
(vi) We went on an excursion. We visited the Casela Bird Park.
Extra sentence: They are bad for health.

Question 2:
1-A,   2-C,   3-B,   4-B,   5-D,
6-D,   7-A,   8-D,   9-B,   10-C

Question 3A:
ring,   mirror,   invent,   accident,   dictionary

Question 3B:
1-A,   2-C,   3-D,   4-A,   5-B

Question 4A:
2. Class 2   3. Bansi   4. Storm
5. 04 15 hours   6.10 00 hours   7. 400 km
8.North West   9. South East   10. 40 – 50 km/h
11. 3 – 4 metres

Question 4B:
1 (i) FALSE   (ii) TRUE   (iii) TRUE
2C   3D   4A   5C   6B
7 Each worker concentrates on their small part, so they are better and faster at that particular part of the car.
8 skilled workers
9 inventive, hardworking
10   3 - 1 - 2 – 4

Question 5
(i) My parents and I went to the cinema last Sunday.
(ii) The flock of sheep was grazing near the hill.
(iii) Is Amina a hardworking pupil?
(iv) I usually go to the fitness club on Tuesdays.
(v) My uncle attended the wedding last Saturday.
(vi) There is no better place than home. OR
    There is no place better than home.

Question 6A
slices, while, accidentally, cook, potatoes

Question 6B
do, cook, slice, delicious, then

Question 7A
deserts, pleased, finally, read, interested

Question 7B
natural, produced, used, heating, electricity

Question 8B
1. They used to work in the sugarcane fields until the machines replaced them.
2. Once upon a time, there lived a poor man whose name was Ali Baba.
3. She drove carefully and with caution.
4. Neither James nor Emma like to dance.

English Model 3 (Pg 83)

Question 1
2E   3A   4B   5F   6D

Question 2
1B 2D 3D 4A 5B 6A 7C 8B 9A 10A

Question 3A
1. college   2. fork   3. doctor   4. eraser   5. nose

Question 3B
1.D 2D 3C 4D 5B

Question 4A
1. Smith's Buses   2. Two shifts
3. Friendly and polite
4. You work Monday – Friday – two shifts per day
   4 hours per shift and every second Sunday
5. Rs 20 per hour
6. Visit the company in person or send CV to
   smith.buses@yahoo.com or call on 2122094
7. He can call or send CV by email
8. Because the company has grown fast.

Question 4B
1. (i) True   (ii) True   (iii) False
2. B   3. A 4.A 5.A   6. B
7. Because they all have something different and useful to say.
8. We must listen to what others have to say.
9. wise   smart
10. 2 – 3 – 4 – 1

Question 5
(i) The trunk of the elephant was long.
    (ii) The policeman was running after the thief.
(iii) Did Allan buy a beautiful car?
    (iv) He slowly puts the fragile vase on the shelf.
(v) Sunita does not listen to the news every morning.

(vi) The beautiful princess was lost in the forest.
(vii) Rani is absent from school because she is ill.

Question 6A
country   - road -   skin-   wise-   shoe

Question 6B
living -   having – ran/came/rushed – lion - decided

Question 7A
poor - went - magical - surprised - talking

Question 7B
different worked was confidently   learnt

Question 8A
Tom sows some seeds in his garden.
Every day, he waters the seeds using a watering can.
He is happy to see his plant growing healthily.

Question 8B
1. Although Tom left home early, he was late at school.
2. You will not succeed unless you work hard.
3. As soon as Rita gets home, she takes a bath.
4. Mother likes neither chicken nor meat.

Question 9
I was on my way to school by bus. I pressed the bell and got ready to alight when I noticed that the lady who had sat next to me had left her wallet behind. I took the wallet not knowing what to do with it. When I arrived at school I handed the wallet over to my headmaster. Some days later, the school rang unforeseen at thirteen hours. We all assembled and Mr Duval announced that a student had done a commendable act. Just then, a lady walked in and I immediately recognised her. Mr Duval introduced her and called me forward. The latter thanked me for my good deed and rewarded me with a voucher at Odysseo. Needless to tell you how proud I was on that day.

English Model 4 (Pg 126)

Question 1
2E 3A 4B 5D 6G

Question 2
1C 2B 3D 4B 5C 6B 7C 8C 9C 10B

Question 3A
1. tailor 2. shop   3. hospital   4. pencil   5. handkerchief

Question 3B
1A 2A 3C 4B 5C

Question 4A
1. Job vacancy for sales assistants
2. secondary school
3. 2-3 years experience

4. Experience in sales, merchandising, customer service
5. Good written and spoken communication skills
6. Knowledge of Arabic
7. Email his CV with photograph to hr@jashanmals.com
or by post to PO Box 16, Manama, Kingdom of Bahrain
8. Ability to work in team, presentable and proactive

Question 4B

1.   (i) True   (ii) True   (iii) True
2.   B   3. A   4.B   5.C   6. D
7. spiky dinosaurs, fishy dinosaurs, flying dinosaurs,
horned dinosaurs, long dinosaurs
8. No entry   9. adventurous   courageous
10. 2 – 4 – 3 - 1

Question 5

(i) The boy is running after his dog.
(ii) Tania was looking for her dog.
(iii) Will father buy a car if he wins the lottery?
(iv) He quickly puts the cake under the table.
(v) Samira did not come to school late today.
(vi) The naughty boy always beats his friend during
     recess.
(vii) The postman delivers letters by bicycle.

Question 6A

 town – stop – suit – night - door

Question 6B

do - met - story - gifts - people

Question 7A

went   skipper dolphins   delighted   through

Question 7B

accompany   tailor   fashionable   marks   happily

Question 8A

Rocky, the dirty dog enters the house with his muddy
paws.
His master, Tom gives him a bath.
Then, he dries Rocky with a towel.

Question 8B

1. I like eating chicken and chips.
2. You will be late unless you leave home earlier.
3. As soon as the teacher enters the class, the pupils stop
talking.
4. Mary trained very hard but she still did not win the
competition.

Question 9

One day, I was at Ebène Recreational Park with my family.
I was having fun playing around when I suddenly heard a
sound. I immediately rushed to find what was behind this
sound. I headed towards it and saw a little boy crying in
pain near a swing. Blood was oozing from his injured knee
and I could figure out that he fell down while he was
swinging. I called my parents who were nearby and my
father who is a doctor provided him the necessary first aid.
Meanwhile, the boy's parents came and thanked my father.
As a token of appreciation, they gave a hundred rupees to
buy an ice-cream.

English Mock Test 5 (pg 169)

Question 1

2A 3B 4F 5G 6D

Question 2

1A   2C   3C   4A   5C   6C   7A   8D   9A   10A

Question 3A

1. dress   2. scissors   3. school   4. helmet   5. fan

Question 3B

1A   2C   3C   4C   5D

Question 4A

1. Five days   2. twelve
3. Exhibitions on interesting science facts. /
   Popular light, water and magnet experiments.
4. Royal Bridge Primary School   5. three
6. Children 8 years old and below   7. Rs 100
8. Mr Kamel Wally's amazing bubble show
9. there is only 35 tickets per day

Question 4B

1.   (i) False   (ii) False(iii) True
2.   B   3. A   4.C   5.B   6. C
7. He was impatient to eat the chocolate bar.
8. There was a golden ticket inside.
9. lucky   fortunate
10.   2 – 4 – 3 - 1

Question 5

(i) The girl is very excited.
(ii) The concert did not begin on time.
(iii) Did I break my mother's watch accidentally?
(iv) James coughed loudly to attract her attention.
(v) She will not go to Rodrigues next week.
(vi) The silly boy sold the cow for one hundred rupees.
(vii) The policeman is running after the thief.

Question 6A

about - at - answers - tell - well

Question 6B

searching - answers/questions - as - she - surprise

Question 7A

searching   questions   later   returned   easily

Question 7B

correctly   founded   various   increased   writers

Question 8A

The baker mixes the batter.
He places the tray in the oven.
After some time, the cookies are ready.

Question 8B

1. I eat neither meat nor fish.
2. The boy to whom you were talking came from Canada
last month.
3. The girl was crying bitterly because she lost her purse.
4. You must go to sleep now or you will not be able to
wake up early tomorrow.

Question 9

When I arrived at school, I was shocked to learn that my best friend's parents were involved in an accident and were seriously injured. As their treatment could not be done in public hospital, they were admitted to a clinic. Knowing that they were not well-off, I proposed my classmates to help them financially by raising funds. We immediately talked to our teacher about our plan. She agreed to help us and told us that with the pandemic, we would not be able to go from house-to-house to collect money and that it would be better to do it online by creating a GoFundMe me account. No sooner said than done, after one week, we were able to collect one hundred thousand rupees which was donated to my best friend's family. No need to tell you that we were proud of our deed.

English Model 6 (Pg 212)

Question 1

2G 3A 4F 5B 6E

Question 2

1B 2C 3C 4A 5B 6B 7C 8A 9B 10A

Question 3A

1. bicycle   2. thermometer   3. florist   4. knife   5. teeth

Question 3B

1C 2A 3C 4C 5C

Question 4A

1. Paving the way to success
2. At the beginning of the book / on the first page
3. Pupils of all grades
4. Each unit covers topics that are currently taught at school.
5. Grammar, vocabulary, comprehension and writing
6. Many types of exercised are proposed in the books.
7. Pravin Chetty

Question 4B

1. (i) False   (ii) True   (iii) False
2. B   3. A 4.B 5.A   6. A
7. She was always friendly and kind to everyone. / She helped all sorts of people. / She was good at raising money for people in need.
8. She was killed in a car crash.
   9. popular   generous
10. 4 – 2– 3 - 1

Question 5

(i) Nobody likes to become old.
(ii) Intelligent students avoid making mistakes.
(iii) Does she take her mother to hospital?
(iv) She urgently needs much money to be able to pay her exams fees.
(v) Father did not go to work earlier than usual.
(vi) The poor pupil was not able to buy all his school materials.

(vii) The cat is running after the mouse.

Question 6A

| approached | cosy | cold | days | face |

Question 6B

| late | girl | time | picked | home |

Question 7A

| rainy | entertaining | collection | their | found |

Question 7B

| parties | enjoyable | invited | permission |
| appropriately |

Question 8A

Two boys are playing football on a busy road.
Tom, one of the boys is hit by a car.
He is transported to hospital for treatment.

Question 8B

1. I can ride a bicycle but my sister can't.
2. The man whose son has been awarded the first prize is a doctor.
3. I worked hard because I wanted to pass the test.
4. I like neither lemon nor pineapple.

Question 9

I was walking home from school when suddenly an old lady who was walking just in front of me fainted. I rushed to help her and to my surprise, she was Mrs Sarjoo, my neighbour. Meanwhile, a crowd gathered around me. Remembering my first aid lesson, I asked for some perfume and a lady readily handed one to me. I made Mr Sarjoo smell the perfume and she regained consciousness. I was red in anger seeing so many people doing facebook live on their mobile instead of trying to help. Fortunately, two helpful men came and helped Mrs Sarjoo up. One of them even proposed to bring her to the nearby dispensary. Thanks God there are still helpful people in this world.

French MODEL 1 (Pg 24)

Question 1 (5 marks)

(i) C'est le Noël. Le magasin est rempli de monde.
(ii) Jean regarde la télé. Le film est intéressant.
(iii) Sara joue de la guitare. Elle est musicienne.
(iv) Grand-père part chez lui. Les enfants sont tristes qu'il parte.
(v) Il pleut dehors. Jim ne peut pas jouer dehors.

Question 2

1C   2D   3A   4A   5B   6A   7B   8C   9D   10B

Question 3A

1. Brochure/Catalogue   2. Poule
3. Bicyclette   4. Piment/Chou
5. Oreille/Bras/Jambe

Question 3B

1C   2D   3A   4B   5B

Question 4A
1. Le Koala   2. Australie
3. 15 ans   4. 20 ans
5. Feuilles de l'eucalyptus et gommier
6. Le kangourou   7. 80 %
8. En partie dues au réchauffement climatique. (2 marks)
9. Pour leur fourrure.

Question 4B
1D   2B   3A   4C   5D
6. Il fait des signes.   7. Petit/Méfiant.
8. Dans des chariots.   9. Il construit une pirogue.
10. 3, 1, 4, 2

Question 5A
(i)   Julie mange son pain assis sous un arbre.
(ii)   Papa répare la voiture bleue.
(iii) Maman a mal. Elle va chez le médecin.
(iv)   Il faut boire beaucoup d'eau en <u>dans</u> été.
(v)   Regarde cette belle voiture neuve.

Question 5B (4 marks)
(i)   Ils n'ont pas mangé leurs pains.
(ii)   Obéit-il à ses parents ?

Question 6A (5 marks)
heures, envie, classe, retard, mange

Question 6B
donner, avec, prudent, remercie, ami
Question 7A (5 marks)
les, fille, vain, elle, folle

Question 7B
ensoleillé, allée, joyeusement, course, rentrant

Question 8B
1.   La jupe que maman repasse est neuve.
2. Je vais à la mer où je vais nager.
3. Le monsieur qui part est mon oncle.
4. Sara voulait acheter cette maison de poupée mais elle était trop chère.

<div align="center">French MODEL 2 (Pg 57)</div>

Question 1
Il y a un concours de dessin. Tara dessine son chien.
Maman achète des provisions. Il y a un cyclone qui s'approche.
Les enfants font leur révision.   Les examens vont commencer tôt.
Tom aime jouer au ballon. Son idole est Cristiano Ronaldo.
Sara a sali ses chaussures. Elle les lave.

Question 2
1B   2C   3B   4D   5B   6C   7C   8C   9C   10C

Question 3A

1. mère   2. coussin   3. chauffeur   4. château   5. branche

Question 3B
1C   2C   3A   4A   5D
Question 4A
1. Le vaisseau du désert.   2. Deux.
3. Le désert froid de Gobi.   4. Une seule.
5. Le désert chaud de Sahara et de l'Arabie Saoudite.
6. 40 ℃   7. Plusieurs mois.
8. 115 litres en dix minutes.
9. Une peau épaisse.   10. 100 kilos

Question 4B
1D   2C   3B   4D   5C
6. Elle est dans son lit.
7. Un traineau tiré par des cerfs aux grandes cornes.
8. Un manteau rouge et blanc.   9. Des cadeaux.
10. 3, 1, 4, 2

Question 5A
(i)   Elle a rencontré ses amis à la fête.
(ii)   Il est allé chez son oncle.
(iii) Il a un chien. Il s'appelle Rambo.
(iv) Roger a aperçu un petit chien sans abris.
(v)   Priya a acheté une jolie robe rouge.

Question 5B
(i)   Il n'a pas invité ses amis à manger.
(ii) Maman fait-elle le ménage ?

Question 6A (5 marks)
résultats, attentivement, ses, répond, fière
Question 6B
dans, faut, mange, au, gourmande

Question 7A (5 marks)
repas, son, bruit, chasser, patte

Question 7B (5 marks)
sec, gaspiller, Ferme, pluie, arroser

Question 8 B (4 marks)
1. Pendant que l'enseignant corrige les devoirs les enfants font la lecture.
2. J'emmène mon chien chez le vétérinaire parce qu'il est malade.
3. Dès que la pluie cesse les enfants sortent pour jouer.
4. Oncle Sam porte un casque qui le protège contre les accidents.

<div align="center"><u>French Model 3 (Pg 98)</u></div>

<u>Question 1</u>
2E   3D   4A   5F   6B

<u>Question 2</u>
1C   2A   3B   4D   5A   6C   7A   8B   9A   10A

Question 3A

1. policier   2. crayon   3. parterre   4.cuillère
5. brosse

Question 3B

1A   2A   3B   4C   5D

Question 4A

1. l'abeille à miel
2. Pour nourrir les siens pendant l'hiver
3. Oui   4. Non
5. l'élevage des abeilles
6. L'abeille domestique occidentale
7. Des récepteurs sensibles dans les yeux des abeilles
8. Les femelles possèdent un dard en forme d'un harpon pour se défendre.
9. Elles lèchent le nectar sucré du cœur des fleurs avec la langue, remplissent leurs jabots et retournent dans leur colonie recracher le nectar qui deviendra du miel.
10. Parce qu'elle est la seule femelle reproductrice.

Question 4B

1C   2C   3C   4A   5A
6. Les habitants de certaines provinces ne veulent plus obéir au roi.
7. Il déteste la guerre et tous les malheurs qu'elle peut apporter avec elle.
8. Sur une île lointaine dans un endroit désert.
9. Ils construisent une maison et labourent la terre.
10. L'oiseau dépose la graine dans la terre qui vient d'être labourée.
11. Le prince et la princesse sont de retour au palais.
12.   2   1   3   4

Question 5A

(i) Les ouvriers ont besoin de sommeil.
(ii) Le chat court derrière la souris.
(iii) Je suis fatigué. Je vais me reposer.
(iv) Les enfants jouent à au football dans le jardin.
(v) Les jolies filles sont prises en photo.

Question 5B

(i) Maman ne prépare pas de gâteau au chocolat.
(ii) Est-ce que tu te sens malade depuis ton retour ? / Te sens-tu malade depuis ton retour ?

Question 6A

fois – souris – vie – éléphants - troupeau

Question 6B

pour – éléphants – encore – histoire - mal

Question 7A

élève - informatique – électrique – sèchement – Malheureusement

Question 7B

réveille – brûlante – descendant – rapidement - villageois
.

Question 8A

1. Rico pédale son vélo à toute vitesse.
2. Il tombe lourdement sur le sol et se blesse.
3. Dès qu'il rentre à la maison, sa maison le soigne.

Question 8B

1. Thomas reste à la maison car il est malade.
2. Lorsqu'il est entré dans la salle d'attente, il s'est assis.
3. En voyant le touriste, l'individu s'est emparé du portable.
4. Sarita part au magasin pour acheter une belle robe.

Question 9

Ce dimanche, je suis à Plaine Champagne avec mes parents. Soudain, j'aperçois une hirondelle bleue et je la suis. Malheureusement, en voulant l'attraper, je pose ma main sur un guêpier. Les guêpes se sentant en danger me poursuivent et me piquent. La douleur des piqûres me font pousser des cris épouvantables. Mes parents alertés par mes cris accourent pour me secourir. Mon père ramasse une branche et réussit à chaque les guêpes. Comme je suis allergique aux guêpes, maman décide de me transporter à l'hôpital. Nul besoin de vous ma déception car je n'aurai pas de goyaves à manger.

French Model 4 (Pg 141-153)

Question 1

2D   3A   4F   5B   6E

Question 2

1A   2C   3D   4C   5B   6C   7C   8C   9A   10B

Question 3A

1. parasol   2. gomme   3. verger   4.calculatrice   5. couteau

Question 3B

1C   2B   3A   4C   5C

Question 4A

1. 230 millions de kilomètres
2. La planète Mars reçoit son nom du Dieu de la guerre romain Mars.
3. La planète Mars est rouge.
4. L'abondance d'oxyde de fer donne cette couleur à la planète Mars.
5. A cause de sa couleur
6. La calotte du Nord est faite de glace et celle du sud est composée de gaz carbonique.
7. L'atmosphère de Mars est très fine et ne retient pas très bien la chaleur.
8. L'atmosphère de la terre est épaisse.
9. Il n'y a pas assez d'oxygène.
10. 780 jours

Question 4B

1A 2A 3C 4A 5A

6. Pour que l'oiseau égaye sa maison avec son chant.

7. de révéler à l'homme trois vérités

8. Quand il arrive sur la plus haute branche d'un arbre voisin.

9. Il libéra l'oiseau.   10. Deux énormes joyaux

11. Il disparut à l'horizon.

12.   2   3   1   4

Question 5A
(i) Elle est tombée en descendant l'escalier.

(ii) Il mange du pain et du chocolat.

(iii) Il fait chaud. Je vais prendre un bain.

(iv) Maman achète des fruits avec et des légumes.

(v) J'aime voir les beaux tableaux au musée.

Question 5B
(i) Les garçons ne jouent pas au football.

(ii) Est-ce que le chien a aboyé durant toute la nuit ? / Le chien a-t-il aboyé durant toute la nuit ?

Question 6A
Forêt - calmer - douleur - piqûre - travail

Question 6B
sont   facile se aussi faim/soif

Question 7A
traitement   secondaires   radicalement cérébrale intelligence

Question 7B
entendu   âgé   ai   admiration   richesse

Question 8A
1. Monsieur et madame Renaud chantent une chanson pour l'anniversaire de Mara.

2. Mara fait un vœu et souffle les bougies.

3. Ils se régalent tous en mangeant le gâteau.

Question 8B
1. Sa maman l'accompagne pour prendre l'autobus.   2. Alia de dirige vers une cabine d'essayage et essaie une jupe.

3. En sortant de la cabine d'essayage, elle rencontre son amie.

4. Alia est contente car sa mère accepte d'acheter la jupe.

Question 9
Un après-midi, après les heures de classe, Samia, ma meilleure amie me propose d'aller au bord de la rivière non loin de l'école. J'accepte immédiatement car j'adore nager. Après quelques minutes, nous arrivons à destination et nous voilà pataugeant dans l'eau joyeusement. Soudain, Samia commence à se noyer. La voyant en difficulté, je hurle « à l'aide » de toutes mes forces. Un pêcheur qui est non loin de là se précipite pour porter secours à Samia. Il la ramène sur la berge saine et sauve. Heureusement, il y a plus de peur que de mal.

French Model 5 (Pg 227 – 239)
Question 1
2E 3A 4F 5B 6D

Question 2

1B 2B 3A   4A   5B   6C   7B   8B   9B   10A
Question 3A
1. forêt   2. lait   3. paix   4. quatre 5. bouche
Question 3B
1D 2B 3A   4A   5B
Question 4A
1. la fève de cacao

2. Le chocolat se consomme dissous dans du lait chaud.

3. Le chocolat se mange en plaques avec su pain au goûter.

4. chocolat noir/chocolat au lait/ chocolat blanc/ chocolat aux noisettes/ chocolat noir enrobé d'orange / chocolat blanc aux noisettes

5. Le chocolat est utilisé comme ingrédient dans des recettes de cuisine.

6. Les enfants reçoivent des œufs, des lapins, des cloches ou des poules en chocolat à Pâques.

7. Les fèves ramassées sont décortiquées, triées, séchées, fermentées, torréfiées et broyées.

8. Le chocolat fournit beaucoup d'énergie et favorise le fonctionnement du cerveau et la circulation sanguine.

9. Le cacao contient des substances qui augmentent la sécrétion d'adrénaline.

10.Pour ne pas prendre du poids

Question 4B
1C 2A 3C 4A 5C

6. Chaque fois qu'il ouvrait la bouche, il disait une bêtise.

7. Il rencontre une bande d'enfants.

8. La bande d'enfants voulait noyer le chat.

9. cent pièces d'or

10. Il offre à chacun de ses frères un tonneau d'or.

11. trois tonneaux d'or

12.   2   1   3   4

Question 5A
(i) Jean ne ment jamais.

(ii) Le navigateur regarde le phare.

(iii) Il va à l'école. Il est très studieux.

(iv) Monsieur Lucas roule à vive vite allure.

(v) La gentille dame aide la mendiante.

Question 5B
(i) Tous les mendiants ne mangent pas à leur faim.

(ii) Est-ce que vous pouvez me donner un conseil ? / Pouvez-vous me donner un conseil ?

Question 6A
vraiment – oreilles – parler – rêveur - bouche

Question 6B
homme/garçon/ monsieur – vie – arbre – retirer - hache

Question 7A
vole – bruyant – allumer – fumée - piqûre

Question 7B
enseignante – ans – consigné – déposition - écolier

Question 8A
1. Madame Rira coupe des oranges.

2. Tom les presse pour faire une orangeade.

3. Mère et fils boivent un bon jus d'orange frais.

Question 8B

1. Comme elle la garde en forme, elle aime cette discipline.
2. Souvent elle part à la piscine qui se trouve à Cote D'or.
3. Lorsqu'il fait beau, il y a beaucoup de nageurs.
4. Elle rêve de devenir une championne pour faire la fierté de ses parents.

Question 9

Tout se passe pendant la récréation, je suis assis sur le banc quand soudain je vois un garçon qui pleure à chaudes larmes. Je m'approche de lui et lui demande la raison de sa tristesse. Il m'explique qu'il vient d'être admis à l'école et qu'il n'a pas d'amis. Etant serviable et généreux de nature, je l'invite à rejoindre mon groupe d'amis qui l'accueille à bras ouverts. Nous commençons par jouer à cache-cache puis à saute-mouton. Malheureusement, la cloche sonne et nous rentrons en classe laissant notre nouvel ami. Quand je rentre en classe, grande est ma surprise de voir que le petit nouveau est admis dans ma classe.

French Model 6

Question 1

2A 3E 4D 5F 6B

Question 2

1C 2A 3C 4B 5C 6B 7C 8B 9C 10A

Question 3A

1. heure   2. fusil   3. dessus   4.beurre.   5. casque

Question 3B

1A   2C   3A   4B   5B

Question 4A

1. Le tiaré Tahiti est un arbuste qui pousse à Tahiti mais aussi dans toutes les îles de la Polynésie.
2. Elles étaient sacrées et étaient offertes à Dieu.
3. La fleur de tiaré est l'emblème de la Polynésie.
4. Pour leur souhaiter la bienvenue
5. Toute l'année mais surtout de septembre à avril
6. Quinze fleurs par jour
   7. très tôt le matin
8. Pour garder leur fraîcheur et leur odeur avant de les utiliser
9. En bouton à l'oreille ou comme un bijou
   10. Pour faire des colliers et des couronnes de têtes

Question 4B

1B 2A 3A 4A 5C
6. cent pièces d'or
   7. Les rats accoururent vers l'étranger
8. Il entra dans l'eau suivi de tous les rats de Hamelin
9. Les bourgeois éclatèrent de rire et le mirent à la porte de la mairie
10. Les enfants de suivirent et sortirent de la ville avec lui.
    11. Il faut toujours respecter une parole donnée
12.   3   4   2   1

Question 5A

(i) Le tsunami a ravagé la ville.
   (ii) Les enfants jouent dans la cour de l'école.
(iii) Il fait beau. Les oiseaux chantent dans les arbres.
   (iv) Le jardinier arrose les la fleurs.
(v) La grande maison se trouve au coin de la rue.

Question 5B

(i) Loïc n'a pas oublié son plumier à la maison.
(ii) Est-ce que le jardinier arrose les fleurs ? / Le jardinier arrose-t-il les fleurs?

Question 6A

beaucoup -   part – ami – route – chemin

Question 6B

tristes -   cuire – dans – mis – danger/panique/coupure

Question 7A

rentré – apparition – bisou – lui - souriant

Question 7B

ensoleillé – joyeusement – course – construit - bronzés

Question 8A

1. Madame Lisa fait une liste de provisions avec ses enfants.
2. Ils prennent un caddie et se dirige dans le supermarché.
3. Les enfants aident Madame Lisa à choisir les produits.

Question 8B

1. Elle enfile son tablier avant d'allumer le gaz.
2. Tout en faisant la vaisselle, elle écoute de la musique.
3. Comme il a très faim, Tom savoure un gâteau.
4. Port Louis est une ville active et bruyante.

Question 9

Tout se passe au début des vacances, le soleil est au rendez-vous et il fait extrêmement chaud. Mon frère, Lucas et moi décidons d'aller grimper la colline Candos qui se trouve non loin de chez nous. Arrivés au pied de la colline, nous commençons immédiatement l'ascension. En ce faisant, nous fredonnons des airs à la mode. Soudain, en regardant trop le paysage, Lucas trébuche sur un rocher et il tombe. J'essaie de l'aider mais il a la cheville foulée et ne peut plus marcher. Je n'ai d'autre choix que de le laisser pour aller chercher du secours. Heureusement que les secours arrivent très vite et font le nécessaire pour transporter Lucas à l'hôpital.