Q.No. 26.(a): Solve $28561 \div 169$

\[
\begin{array}{c|c}
169 & 28561 \\
-169 & \hline \\
1166 & \\
-1014 & \hline \\
1521 & \\
-1521 & \hline \\
0 & \\
\end{array}
\]

= 1 Mark

= 1 Mark

= 1 Mark

(3)

(b): Solve $3 – 5 + 7 \times (52 \div 13)$

\[
\begin{align*}
3 – 5 + 7 \times (52 \div 13) &= 3 – 5 + 7 \times 4 \\
&= 3 – 5 + 28 \\
&= 26
\end{align*}
\]

= 1 Mark

= 1 Mark

= 1 Mark

(3)

(c) Find the greatest number that divides 10, 20 and 25 leaving remainder zero.

\[
\begin{array}{c|c}
10 & 2 \\
25 & \hline \\
-20 & \hline \\
5 & 10 \\
-10 & \hline \\
0 & \\
\end{array}
\]

1 Mark

0.5 Mark

0.5 Mark

0.5 Mark

(4)
Q.No. 27. (a) Convert $\frac{1}{8}$ into decimal.

\[
\begin{array}{c|c}
8 & 0.125 \\
\hline
1 & 0.00 \\
- 8 & 0.5 \\
\hline
20 & 0.0 \\
- 16 & 0.5 \\
\hline
40 & 0 \\
- 40 & 1 \\
\hline
0 & \\
\end{array}
\]

1 mark

0.5 mark

0.5 mark

1 mark

(b) Solve

\[
\frac{1}{6} + \frac{2}{3} + \frac{1}{12}
\]

\[
\begin{align*}
&= \frac{2 + 8 + 1}{12} \\
&= \frac{11}{12}
\end{align*}
\]

2 marks

1 mark

(c) Solve

\[
7.3 + \{ 9.7 - (4.1 + 2.4) \}
\]

\[
\begin{align*}
&= 7.3 + \{ 9.7 - 6.5 \} \\
&= 7.3 + 3.2 \\
&= 10.5
\end{align*}
\]

1.5 Mark

1.5 Mark

1 Mark

Q.No. 28. (a): 30 men complete a work in 15 days. In how many days will 10 men complete the same work?

30 آدمی کی کام کے برابر 10 آدمی کی کام کے برابر چند روز میں کام کریں گے?

Number of days to complete work by 30 men = 15

Number of days to complete work by 1 man = 15 \times 30

Number of days to complete work by 10 men = \frac{15 \times 30}{10}

= 45

2 marks

2 marks

1 mark
(b): The bus fare from Karachi to Lahore for 5 persons is Rs. 20000. What will be the fare for 12 persons?

Fare for 5 persons  = Rs. 20000
Fare for 1 person  = \( \frac{20000}{5} \times \frac{1000}{1000} \) = Rs.4000
Fare for 12 persons = 4000\times12 = 48000

Note: Deduct 1 mark if unit is not mentioned

Q.No. 29. (a): One day, in May the maximum temperature in Vehari city was 113° F. What was the temperature in degree Celsius?

\[ \text{Temperature of Vehari in degree Celsius} = \left(\frac{113 - 32}{9}\right) \]

\[ = 9 \times 5 = 45 \]

\[ = 45 ^\circ \text{C} \]

(b): Write down the types of given triangles with respect to their sides.

(i) equilateral triangle
(ii) isosceles triangle

(c): Construct a rectangle having length 5cm and breadth 3cm by using ruler, compass and protractor.

For drawing line segment of given length 1 mark
Making angle of 90 at each end point 2 marks
For drawing two correct arcs 1 mark
For construction of correct rectangle 1 mark
Q.No. 30. (a): A chair costs Rs. 1000 to a carpenter. He sells it for Rs. 1150. Find his percentage profit.

Cost of chair = Rs. 1000
Sale price = Rs. 1150

Profit = 1150 - 1000 = 150

Percentage profit = \( \frac{150}{1000} \times 100 = 15\% \)

1 mark each

(b): The given bar graph shows the number of patients recovered from dengue fever in four different months. Read the graph and answer the questions given below.

(i) In which month did the maximum number of patients recover?

September

(ii) In which month did the minimum number of patients recover?

November

(iii) How many patients did recover from dengue fever in four months?

60

(iv) What is the average number of patients recovering per month?

15