

Time: 50 Minutes

(All calculations and work must be clearly shown in the margin provided next to each question)

MM: 50

Q. 1 Answer the following questions in the space given below. <u>(Each question carries 1 mark)</u>		(1x5=5)	Rough Work
Question	Your Answer		
(a) Write nine hundreds three tens six tenth and five thousandths in numerals.			
(b) What is the sum of the first six multiples of 6?			
(c) If $a = 2$, $b = 3$ and $c = 1$, find the value of $2a + 3b - c$			
(d) Evaluate: $\frac{0.02 \times 0.036}{0.3}$.			
(e) Find the supplement of 82.5°			

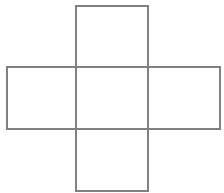
Q. 2 Answer the following questions in the space given below. (Each question carries 2 marks)

(2x8=16)

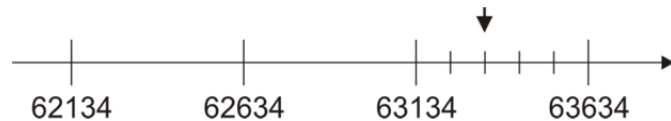
Rough Work

(a) A T.V programme started at 16:30hrs. It lasted 2 hours 45 minutes. The programme ended at.....? (Write your answer in standard time format [am/pm])

(b) Observe and answer the following :
The figure given below is made up of 5 squares each of side 9 meters. Find the area of the figure below.

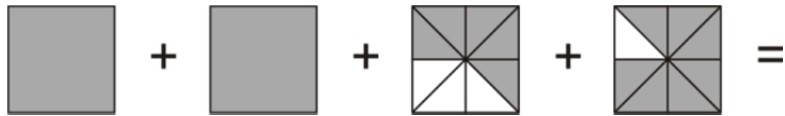


(c) What is the missing number on the number line indicated by the arrow?



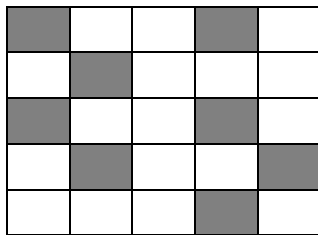
(d) There are 12 dozen bananas in a crate. $\frac{5}{24}$ of them are rotten and $\frac{1}{3}$ of them are crushed. How many bananas can be eaten?

(e) Add:



(f) Mr Chan bought 14 cartons of apples. There were 152 apples in each carton. He sorted out the apples into big and small apples. If there were 1046 big apples, how many small apples are there?

(g) Express the shaded part in the following figure as decimal.



(h) A man earns ₹. 6750 per month. He spends 74% of his earnings and saves the rest. How much does he save in a year?

Q. 4 Answer the following questions in the space given below. (Each question carries 3 marks)		(3x7=21)	Rough Work
<p>(a) Find the H.C.F of 63, 56, 14</p>	<p>(b) Identify which of the following numbers are divisible both by 2 & 3 45960, 537, 38976, 15798, 36</p>		
<p>(c) Convert the following :</p> <p><i>i) 8kg 5 gm</i> into gms</p> <p><i>ii) 2cm 8mm</i> into mm</p> <p><i>iii) 5l 200ml</i> into ml</p>	<p>(d) The difference between two numbers is 4.4005 and the greater number is 7.034. Find the smaller number.</p>		

(e) Write down 3 pairs of twin prime numbers.

(f) A shopkeeper has 12 kg of sugar, half of which costs ₹. 18 per kg and the other half costs ₹. 16 per kg. Find the average cost of the total sugar per kg.

Rough Work

(g) Construct \angle MNO of 75° using a protractor and ruler only. Also write the measure of its reflex angle.

Q. 4 Read the following pictograph which represents the number of visitors at a Zoo on a certain day

(4)

Rough Work

Time	Number of Visitors
10am – 12pm	
12pm – 2pm	
2pm – 4pm	
4pm – 6pm	
6pm – 8pm	

= 40 visitors

(a) How many visitors were at the zoo on that day?

(b) If the price of an entrance ticket was Rs 60, how much money was collected from ticket sale on that day?

(c) How many more visitors entered the Zoo between 2pm and 4pm as compared to between 6pm and 8pm?

(d) What fraction of the total visitors entered the Zoo between 10am and 2pm on that day?

Q. 5

(2+2=4)

(a) Divide 58728 by 89

(b) Write down the seven successor of 245786.

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