QUESTION BANK
SUB: MATHS
CLASS - V

CHAPTER -1 (Large numbers)

1) Fill in the blanks: (1)

a) 1 added to the largest 7-digit number = _____.

b) The smallest 6 – digit number = _____.

c) The place value of _____ is always the same as its face value.

d) Roman numerals " I " can be subtracted from ____ and _____.

e) 10 lakh = _____ million.

f) The symbol " X " can be subtracted from _____ and _____.

g) The symbol " C " can be subtracted from _____ and _____.

h) The place value of 3 in 8346784 is _____.

i) _____ hundreds = ten crore.

j) 1 subtracted from the smallest 8 – digit number is _____.

2) State whether true or false. (1)

a) To round a number to the nearest ten, we round it to the multiple of ten nearest to it .

b) To round a number to the nearest hundred, we round to the multiple of hundred nearest to it.

c) When a smaller numerals is placed between two numerals of greater value, it is always subtracted from the greater numerals immediately following it .

3) Choose correct answer (s) from given choice. (1)

a) Which of the following numbers is smaller than 52732571 and larger than 52731571 ?

i) 52731871 ii) 52701871 iii) 52801871 iv) 52728871

b) The place value of underlined digit in 113665714 is _____.

i) 100000000000 ii) 100000000 iii) 10000000000 iv) 1000000

c) To round a number to the nearest thousand , we round it to the nearest :

i) multiple of ten ii) multiple of hundred iii) multiple of thousand iv) multiple of lakh

d) How many lakhs are there in one million ?

i) 1 ii) 100 iii) 10 iv) 1000

e) Two crore two thousand two is equal to :

i) 2002002 ii) 20002002 iii) 200002002 iv) 2000202

MARK(2)

4) Short questions : (2)

a) Write the number name in International system for :

i) 15507726

ii) 55371895

iii) 53088497

b) Write the name in national system for :

i) 870204

ii) 98240296

c) Write the numerals for the number names :

i) Thirty- five million four hundred fifty- six thousand seventy-two.

ii) Six crore thirteen lakh twelve thousand seven hundred nine.

iii) Ninety- nine crore one lakh one thousand eleven.

d) Fill in the missing numerals to continue the pattern.

i) 8942678, 8942688,_____,_____.

ii) 396847902,396947903,_____,_____.

e) Write the following numbers in the expanded form.

i) 67840278

ii) 890245681

f) Write the following in the standard form .

i) 700000000 + 60000000 + 400000 + 2000 +500 + 7

ii) 80000000 + 800 + 8

g) Define the following:

i) Prime number

ii) Composite number

iii) coprime number

iv) Prime factorisation

MARK (2)

g) Use the following digits to write the smallest and the greatest number you can form. Use each digit only once.

i) 4,6,0,5,9

ii) 7,4,1,3,2,0,5,8

h) Arrange in ascending order .

i) 76432986, 76423896 , 7643298, 74623896

ii) 302040392 ,300240329, 320004329, 30104028

i) Round the numbers to the nearest ten .

i) 64 ii) 298 iii) 670 iv) 275

j) Round the numbers to the nearest hundred.

i) 6784 ii) 7629 iii) 1090

k) Round the numbers to the nearest thousand.

i) 65232 ii) 79946 iii) 85029

l) Round the numbers to the nearest ten thousand.

i) 8942 ii) 178807 iii) 243302

m) Round the numbers to the nearest lakh.

i) 829402 ii) 678478 iii) 950007

n) Round the numbers to the nearest ten lakh.

i) 6495789 ii) 8700490 iii) 9542942

o) Write the following numbers in Roman numerals.

i) 1658 ii) 3249 iii) 509 iv) 871 v) 2700 vi) 1342 vii) 3350

p) Write the following numbers in Hindu- Arabic numerals.

i) MDCLXVII ii) MMCXLIX iii) CCXVI iv) CMLXVII v) MCIX vi) DCCLVI vii) DCLXXXIV

CHAPTER- 2 (Operations with Numbers) MARK (1)

1) State whether true or false .

a) The product of two number does not change if the order of the numbers multiplied is changed.

b) The product of 1 and any number is the number itself.

c) The product of zero and any number is one.

d) The product of zero and any number is zero.

e) The product of three numbers is change, if the grouping of the numbers is changed.

f) The product of 1 and any number is one.

g) the method of finding the cost of many object and then the cost of one objects is called UNITARY method . ( )

h) Dividend is equal to remainder X Quotient + divisor. ( )

i) when the number is divided by 10 the digit in the ones place is remainder. ( )

j) when the number is divided by 1000 the number formed by digits in thousands , hundreds,tens and ones place is the remainder . ( )

k) the product of two number does not change , if the grouping of the numbers is changed . ( )

2) Choose the correct answer (s) from given choice.

a) To check the answer in division : Dividend =

i) Divisor x Quotient ÷ Remainder

ii) Divisor x Quotient + Remainder

iii) Divisor x Remainder + Quotient

iv) Quotient x Remainder + Divisor

b) We perform operations in the following order .

i) We multiply then divide followed by addition and subtraction.

Ii) We subtract then add followed by multiplication and division.

iii) We add then subtract followed by multiplication and division.

iv) We divided then multiply followed by addition and subtraction.

c) If 1 dozen bananas cost Rs 24, the cost of 4 bananas is :

i) Rs 8 ii) Rs 10 iii) 20 iv) Rs 6

d) when we divide 897658 by 10 then the quotient will be

1. 897 2. 8976 3. 89765 4. 89

e) To multiply a number by 10 put a zero on the

1. left of the number 2. Middle of the number 3. Right of the number

MARK (2)

3) Add/ Subtract as required.

i) 2642947 + 802962 + 925436 + 36027

ii) 80002941 – 67934

4)Add:

1. 8453679 + 470586 + 9754364

2. 1000286 + 994536 + 42587 + 5346827

5) Subtract

1. 785498216 - 58438652

2. 356782498 - 982467

5) Multiply:

i) 3456 by 142

ii) 4039 by 2467

iii) 5483 x 859

iv) 7845 x 9684

MARK(2)

6) Divide and check your answer.

i) 6742 ÷ 57 ii) 23205 ÷ 236

7) Simplify :

a) 30 + 26 ÷ 2

b) 47 – 15 ÷ 16

c) 36 ÷ 4 – 7

d) $\frac{1}{3} \times \frac{1}{4} + \frac{1}{4}$

e) $\frac{4}{7} \div \frac{16}{21} \times \frac{2}{3}$

f) $\frac{5}{7} - \frac{2}{7} \times \frac{1}{3}$

g) $2\frac{1}{3} \div \frac{7}{3} + \frac{1}{2}$

h) $\frac{5}{9} \times (\frac{1}{3} + \frac{3}{7})$

i) $\frac{2}{5} \div (\frac{3}{5} - \frac{1}{3})$

j) $\frac{2}{3} \times (\frac{8}{13} \div \frac{1}{39})$

k) 20 + 42 x ½

l)¾ x 4/9 – 1/8

8) Solve

1. (6x7) + 6

2. 5 x (7 -4)

CHAPTER -3(Factors and Multiples)

MARKS (1)

1) Fill in the blanks :

a) Prime numbers are those which have only _____ factors.

b) _____ is neither composite nor prime.

c) The prime factorization of 24 is _____.

d) All even numbers are divisible by _____.

e) Each prime number has exactly _____ factors.

f) The number _____- is a factor of every number.

g) The smallest composite number is _____.

h) A composite number has more than _____ factors.

i) 1. the smallest common multiple of 3 & 5 is _____ .

j) The only even prime number is _____.

k) The _____ of two numbers is equal to the product of their HCF and LCM.

2)State whether true or false.

a) Two numbers are coprime if they have only 2 as the common factor.

b) All even numbers are multiples of 2.

c) All prime numbers are odd.

d) All even numbers greater than 2 are composite .

e) If a number is divisible by 6,it must be divisible by 2.

f) 15 is the multiple of 30 .

g) 1 , 2, 3, 4, 6 ,12 are the factors of 12 .

h) biggest common multiple of 4 , 6 and 5 is 60 .

i) Prime factor of 36 are 2, 6 .
j) The product of two number is equal to the product 0f their HCF and LCM .
k) The divisible by 10 if it is divisible by both 3 and 4 .
l) The number is divisible by 5 if it has 0 and 5 in its ones place .

3) Choose the correct answer(s) from the given choice.

a) The prime factorization of 36 is _____.
i) 2 x 2 x 3 x 3 ii) 2 x 2 x 2 x 3 iii) 2 x 2 x 2 x 2 iv) 2 x 3 x 3 x 3
b) The largest number which is a factor of 45 and 150 is _____.
i) 15 ii) 5 iii) 3 iv) 20
c) Numbers which are multiple of 2 are called _____ numbers
1. even 2. Composite 3. Odd 4. Prime
d) THE prime factorisation of 60 is
1. 2x2x2x5 2. 2 x2x3x5 3. 3x2x3x5 4. 4x2x2x5
e) The number is divisible by 12 if it is divisible by both
1. 2 and 3 2.2 and 4 3. 4 and 3 4. Only by 4

MARK(2)

1) List all prime and composite numbers between 10 and 30.
2) Write all the factors of
a) 36 b) 49 c) 45
3) Find the prime factors
a) 24 b) 78 c) 54 d) 66
4) Construct factor trees for :
a) 36 b) 27 c) 84 d0 130

MARK (2)

1) Find the HCF by prime factorization method :
a) 44,60,36
b) 762,1270
c) 108,144,60
d) 192,106,96
2) Find the HCF by successive division method .
a) 185,407 and 333
b) 235,188,282
c) 690,575,253,920
d) 190,171,152
3) Find the LCM of the following sets of numbers.
a) 144,96,160
b) 75,90,125
c) 255,340,765,425
d) 105,70

CH-4 (Fractions)

1) Fill in the blanks : (1 marks)

a) $(\frac{1}{4} x \frac{1}{5}) x \frac{2}{4}$ = _____ X $(\frac{1}{5} x \frac{2}{4})$

b) $\frac{5}{6} x 1$ = _____

c) $\frac{9}{12} x 0$ = _____

d) $\frac{4}{6} \div$ ____ = 1

e) $\frac{8}{9} \div 1$ = _____

f) When a fractional number is divided by 1,the quotient is the fractional number _____

g) The product of a fractional number and 0 is____

h) The multiplicative inverse of 8 is _____

2) True or false (1 marks)

a) The product of a fractional number and 0 in the fractional number itself.

b) When we multiply two fractional number, the order which we multiply does not change the result.

c) The product of a fractional number and 1 is the fractional number itself.

d) $\frac{1}{7}$ is the multiplicative inverse of 7.

e) The multiplicative inverse of 0 does not exist.

f) When 0 is divided by a non- zero fractional number the quotient is always zero.

g) When a non-zero fractional number is divided by itself, the quotient is zero.

3) Tick the correct option : (1 marks)

a) Which two fractions are equivalent?

i) $\frac{3}{4}$ and $\frac{6}{8}$ ii) $\frac{7}{2}$ and $\frac{2}{7}$ iii) $\frac{1}{5}$ and $\frac{2}{5}$ iv) $\frac{4}{5}$ and $\frac{1}{5}$

b) If A + $1\frac{1}{2}$ =2 , A must be equal to

i) $\frac{1}{4}$ ii) $\frac{1}{2}$ iii) 1 iv) $\frac{3}{2}$

4) Add (2 marks)

a) $\frac{6}{11} + \frac{3}{11}$ b) $\frac{1}{3} + \frac{1}{5}$ c) $\frac{3}{8} + \frac{1}{2} + \frac{3}{4}$ d) $\frac{1}{4} + \frac{1}{6} + \frac{1}{3}$ e) $\frac{1}{18} + \frac{3}{8} + \frac{1}{2}$ f) $2\frac{2}{3} + 1\frac{1}{4} + 3\frac{1}{6}$

g) $2\frac{5}{6} + 4\frac{7}{24} + 1\frac{5}{16}$

5) Subtract (2 marks)

a) $\frac{7}{9} - \frac{2}{9}$ b) $4 - \frac{1}{2}$ c) $\frac{3}{5} - \frac{1}{4}$ d) $1 - \frac{2}{7}$ e) $\frac{5}{9} - \frac{3}{7}$ f) $5\frac{2}{3} - 2\frac{1}{2}$ g) $4\frac{5}{8} - 3\frac{3}{4}$ h) $8\frac{1}{2} - 6\frac{1}{4}$

6) Simplify (3 marks)

a) $2\frac{2}{3} - 1\frac{1}{4} + 3\frac{1}{6}$ b) $\frac{6}{8} + \frac{2}{4} - \frac{1}{2}$ c) $\frac{2}{3} - \frac{1}{2} + \frac{5}{12}$ d) $\frac{3}{6} + \frac{1}{2} - \frac{3}{4}$ e) $3\frac{1}{2} - 2\frac{1}{4} + 1\frac{3}{8}$

7) Multiply (2 marks)

a) $\frac{3}{16} x\ 8$ b) $\frac{4}{17} x\ 0$ c) $\frac{8}{9} x \frac{1}{16}$ d) $\frac{26}{33} x \frac{22}{39}$ e) $\frac{4}{5} x \frac{15}{16}$ f) $3\frac{1}{5} x \frac{3}{8}$ g) $2\frac{2}{5} x \frac{3}{12}$

8) Solve (2 marks)

a) $\frac{3}{4}$ of 16 b) $3\frac{1}{5}$ of 10 c) $5\frac{1}{2}$ of 8 d) $3\frac{3}{4}$ of $5\frac{2}{5}$

9) Simplify (3 marks)

a) $\frac{2}{3} x \frac{12}{15} x \frac{5}{8}$ b) $\frac{1}{7} x \frac{14}{25} x \frac{3}{10}$ c) $4\frac{1}{2} x 3\frac{1}{4} x \frac{7}{9}$ D) $\frac{1}{2} x \frac{2}{5} x \frac{3}{7}$ e) $3\frac{3}{4} x 2\frac{2}{5} x 1\frac{1}{3}$

10) Word problem (Multiply) (3 marks)

a) 1 litre of milk cost Rs $12\frac{1}{2}$. Find the cost of $\frac{1}{5}$ litre .

b) 13 girls go to a park. If the tickets cost Rs $1\frac{3}{4}$ per head , how much had they to pay in all ?

c) Suraj has a rope $3\frac{1}{4}$ m long. He cuts off one- third of it . How long is the portion he cut off ?

d) Amita walks $2\frac{3}{4}$ km in 1 hour. How far does she go in $1\frac{1}{2}$ hours ?

e) The cost of 1 book is Rs $15\frac{1}{2}$. What is the cost of 14 books ?

11) Solve (2 marks)

a) $\frac{4}{5} \div 2$ b) $\frac{3}{7} \div 5$ c) $18 \div \frac{1}{3}$ d) $\frac{5}{8} \div \frac{5}{16}$ e) $\frac{4}{5} \div \frac{1}{10}$ f) $4\frac{1}{2} \div \frac{1}{2}$ g) $3\frac{2}{5} \div \frac{1}{5}$ h) $2\frac{4}{7} \div \frac{7}{0}$

12) Word problems (Division) (3 marks)

a) The cost of $3\frac{1}{2}$ kg of sweets is Rs $185\frac{1}{2}$. Find the cost of 1 kg of sweets.

b) In a class there are 42 boys. If the fraction of boys in the class is $\frac{8}{11}$,Find the total number of students in the class.

c) If $3\frac{2}{3}$ kg of sweets are distributed among 11 children, what quantity of sweets does each child get ?

d) The product of two number is $4\frac{1}{2}$. One of them is 9 . Find the other.

Chapter 5

Decimals

Fill in the blanks (1 mark)

1. .1, .2, .3..... are called _____.
2. Decimal fractions have to parts _____ and _____.
3. Which is larger 9.78 _____ 9.48
4. Write in decimal $\frac{3}{1000}$ = _____
5. Write in decimal $8\frac{9}{100}$ = _____
6. In 23.35 the whole number part is _____ and the decimal part is _____.
7. Decimals having the same number of decimal places are called _____.
8. Decimals having different number of decimal places are called _____.
9. 4.67 × 3.25 = 46.7 × _____
10. 7.3 , 1.25, 6.395 are _____ decimals.

Choose the correct answer (1 mark)

1. Which of the following are like decimals?
   a) 7.01 , 18.34 b) 6.56, 9.345
   c) 0.6, 8.569 d) 200.56, 45.007
2. Solve 3.45 × 21.3 =
   a) 734.85 b) .73485
   c) 73.485 d) 7348.5

3. $\frac{4}{1000}$ is equivalent to _____
   a) 0.04 b) 0.004
   c) 0.4 d) 4

4. What is five tenths in decimal form?
   a) 0.5 b) 0.005
   c) 0.05 d) 50.00
5. What is 4.6 + 5.24 = _____
   a) 98.4 b) 9.84
   c) .984 d) .0984
6. What is $\frac{7}{10}$ written as a decimal?
   a) 0.07 b) 0.70
   c) 0.007 d) 0.7
7. 19.634 × 1 =_____
   a) 1.9634 b) .19634
   c) 19.634 d) 196.34
8. 0.05 × _____ = 0.025
   a) 0.005 b) 5
   c) 0.05 d) 0.5
9. 1 p = _____ rupee
   a) 0.01 b) 0.001
   c) 1.00 d) 0.10
10. 99.9× (100 × 0) = _____
   a) 0.999 b) 0
   c) 9.99 d) 0.0999

State "True or False" (1 mark)

1. 10.01 L = 10.1 L
2. 0.04m = 0.4 m
3. 99.009 < 99.09
4. 2.222 > 2.231
5. 1000 grams = 1kilogram
6. 1000 centimetres = 1 kilometer
7. $\frac{56}{100}$ read as Fifty six hundredths.
8. $\frac{3}{1000}$ = 0.0003
9. 3.005 × 1000 = 3005.
10. 97.34 = 90 + 7+ $\frac{3}{100}$ + $\frac{4}{100}$

Short Question Answer (2 marks)

1. Add

a) 52.005, 6.006, 23.05, and 50.5.
b) 3.343, 4.585,12. 686
c) 20.002, 22.222, 20.202, 2.222
d) 72.79, 527.28, 64.03, 4.6, 0.006
e) 9.999, 1.111, 0.111

2. Subtract

a) 0.01– 0.001.
b) 1– 0.098

c) 48.32 – 9.875

d) 38.565 – 8.686

e) 426.326 – 284.482

3. Convert into decimals and add

a) 55kg 100g , 65 kg 700g

b) 70 rupees 16 paise , 79 rupees 50paise

c) 67 km 635 m , 70 km 275 m

d) 85 m 65 cm , 30 m 25 cm

4. Convert into decimals and subtract

a) 33 rupees 99 paise from 50 rupees 2 paise

b) 15 kg 500 g from 15 kg 625 g

c) 6 km 10 m from 16 km 100m

d) 32 rupees 90 paise from 59 rupees 90 paise

5. Find the product:

a) 99.01 × 2.3

b) 62.32 × 3.48

c) 38.6 × 2.5

d) 128.3 × 1000

e) 16.3 ×1.4

6. If 2.45 × 3.27 = 8.0115 find the value of

a) .245 × 32.7 b) .245 × .327

7. If 49205 × 1000 = 49205000 find the value of

a) 4.9205 × 1000 b) 492.05 × 1000

8. Find the quotient

a) 292.2 ÷ 12

b) 7.68 ÷ 6

c) 489 ÷ 1000

d) 4.9 ÷ 100

e) 40.8 ÷ 8

9. Arrange in ascending order.

a) 7.234, 7.326, 7.32, 5.439

b) 0.002, 0.02, 0.2, 2.0

c) 20.002, 20.02, 20.0002, 20.2

d) 3.32 , 3.478 , 3.039 , 1.09 , 0.092

10. Arrange in descending order

a) 11.201, 1.201, 12.01, 2.11

b) 21.111, 21.121, 21.212, 22.111

c) 3.003 , 3.03 , 3.3 , 0.03

d) 3.45 , 3.47 , 3.39 , 3.09 , 3.33

Word based Problems. (3 marks)

Addition and Subtraction

1. What should be subtracted from 45.13 to get 30.56?
2. In 2012, the average rainfall for the month of May was 6.21 inches. In 2013 the average rainfall in the month of May was 4.67 inches. How much more rain was recorded in May 2012 than in May 2013
3. During a science experiments, Mary found the mass of two rocks to be 41.4 grams and 74.3 grams. What is the total mass of two rocks?
4. Which number should be added to 25.48 to get 79.27?
5. A carpenter bought a piece of wood that was 43.76 cm long. Then he sawed 12.62 cm from the piece. How long is the piece of wood now?

Multiplication

1. If one drum can hold 4.95 litres of oil, how many litres can 6 such drums hold?
2. If a tin of chocolates weighs 1.4 kg, find the weight of14 tins of chocolates?
3. The length of a saree is 5.75 metres. Find the length of 15 such sarees?
4. If the cost of one chocolate is Rs 7.45, what is the cost of 13 chocolates?
5. A farmer earns Rs 45.65 per hour for working in a farm. How much amount can he earn if he works for 8 hours?

Division

1. If you buy 3 meals at a restaurant that total 13.50 rupees. How much is each meal?
2. The weight of 23 cement bags is 1167.5kg.Find the weight of each bag.
3. Julia cut a string 8.46 m long into 6 equal pieces. What is the length of each piece of string.
4. The mass of a jar of sugar is 1.9 kg. what is the total mass of 4 such jars of sugar?
5. A shopkeeper has 7.11 kgs of candy. If he puts the candy equally into 9 jars, how much candy will each jar contain?

Ch-6 (Metric Measures)

Short questions (2 marks)

I. Fill in the blanks. (1)

a) 1 hectolitre=_____ decalitres.
b) 100 degree Celsius = _____ degree Fahrenheit.
c) _____ is an instrument used to measure the temperature.
d) Thermometers have scales in _____ and _____.
e) A _____ is used by doctors to measure the temperature of human body.

II. Choose the correct answers. (1)

1) The amount of water in a water bottle is 1 _____.
   a) ml b) kl c) l d) cl.
2) The distance between APS Binnaguri and Binnaguri railway station is about 4 _____.
   a) m b) km c) cm d) kg
3) The symbol used to measure temperature in degree Celsius is_____
   a) C b) F c) °C d) °F
4) Which of these makes the metric unit the biggest?
   a) deci b) deca c) hecto d) kilo

III. State true or false. (1)

1) 100°C is equal to 212°F.
2) A thermometer is used by the doctors to measure the weight.
3) The freezing point of water is 0°C.

4) 10 milligram is equal to 1 centigram.
5) The boiling point of water is 37°C.

1. Express the following in centimetres.
   a. 811 mm
   b. 7cm 10mm
   c. 9 dm 10cm 100mm
   d. 200mm
   e. 10dm 10mm

2. Express the following in decalitres.
   a. 1000dL 100cL 10mL
   b. 6L 7dL
   c. 847 dL
   d. 40mL
   e. 1.5hL 15kL 30 daL 20L

3. Subtract, and express the answer in the unit indicated.
   a. Subtract 65kL 87L from 87kL 65L (in kL)
   b. Subtract 27m 98cm from 89m 27cm (in m)
   c. Subtract 800km 84m from 84km 800m (in km)
   d. Subtract 84kg 60hg 50dag 60g from 100kg 30hg 5dag 2g (in kg)

4. Divide, and express the results in the unit indicated.
   a. 900m 50cm by 5 (in metres)
   b. 385 km 70hm 40dam 85m by 15 (in km)
   c. 27 L 66cL 72 mL by 3 (in L)
   d. 99g 44 cg by 11 (in kg)

5. These are the temperatures of some cities in India taken on a day in April.

City	**Temperature**
Chennai	37ûC
Bangalore	35ûC
New Delhi	39ûC
Kolkata	38ûC
Mumbai	32ûC
Shimla	27ûC
Goa	32ûC
Manali	1ûC
Kodaikanal	26ûC

   a. Which is the coldest city?
   b. If you want to visit two cities with temperatures between 25ûC and 28ûC, which two cities would you choose?
   c. Which is the warmest city?
   d. How much warmer is Kolkata compared to Goa?
   e. How much cooler is Kodaikanal compared to Bangalore?

CHAPTER -13 (Number Patterns)

1) Fill in the blanks: (1)

a) Numbers which can be arranged as dots in a _____ pattern are termed as triangular numbers.

b) Numbers which can be arranged as dots in a square pattern are called _____ numbers.

c) Numbers 1,3,6,10,15,..... are called _____ numbers.

d) Numbers 4,9,16,25 are called ____ _____ numbers.

2) State whether true or false. **(1)**

a) Numbers 1,2,4,,8,15 are called triangular numbers.

b) In series 1,3,7,15, _____ the number which will come in blank space is 31 .

c) Numbers 4,9,16,25 are called square numbers.

3) Choose correct answer (s) from given choice. **(1)**

a) 5 , ____ ,17 _____ , 29

i) 12,12 ii) 11,23 iii) 11,12 iv) 10,15

b) 3 , ___ , _____ ,_____ , 35

i) 9,10,11 ii) 13,21,30 iii) 11,19,27 iv) 6,9,12

c)13 , ___ , ____ ,55 , ____

i) 25 ,40 ,67 ii) 27 ,41 ,69 iii) 29 ,43 ,70

4) Short questions : **MARK(2)**

a) What are the next :two numbers in each pattern:

i) 2,3,5,9,____,____

ii) 1,2,5,14,____,____

iii) 1,4,9,16,___,____

iv) 2,5,8,11,____,____

b) Find any two numbers which are both triangular and square numbers.

c) Write the multiplication table of 7 and find out the pattern follows.

d) Study the pattern given below and write the next two terms

1x 8+1=9

12x8+2=98

123x8+3=987

1234x8+4=9876

_____=_____

_____=_____