DAV PUBLIC SCHOOLS, BHUBANESWAR
ASSESSMENT – II (2017-18)
CLASS – V
SUBJECT : MATHEMATICS

Maximum Marks-50

Time : 2 Hours

General Instructions:
- All questions are compulsory.
- This question paper contains 4 sections.
- Section A contains 1 mark questions.
- Section B contains 2 marks questions.
- Section C contains 3 marks questions.
- Section D contains 4 marks questions.
- Verify your answers thoroughly.

SECTION – A

(1x10=10)

1. Fill in the blanks

a) _____ x 100 = 7.245

b) Round off 459896 to the nearest lakhs. _____

c) 100 % more than 10 litres is _____

d) The extra money paid by a bank for every ₹ 100 after one year is called

_____

e) While rounding off decimal numbers to the nearest _____, we look at the digit in the tenths place.

f) 400 x 0.022 = 0.11 x _____

g) 5.5 + 2.25 ÷ 1.5 – 2.5 = _____

h) 135.278 round off to the two places of decimal is _____

i) If Raina hits the ball 47 times out of 50 throws _____ % of the throws he did not hit the ball.

j) The sides of a scalene triangle are of _____ lengths.
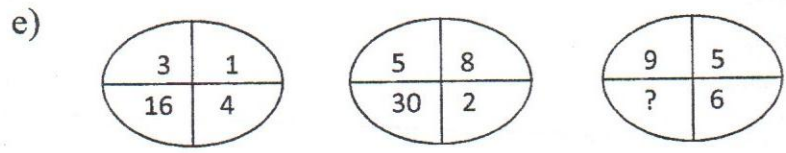
2. Choose the correct answer

(1x5=5)

a) Rajat, Raman , Ritesh are workers in a company . Rajat is 21 years old. Raman's age is 2 years more than twice of Rajat's age. Ritesh is 7 years younger than Raman. Ritesh is _____ years old.

(i) 38   (ii) 37   (iii) 36   (iv) 35

b) The smallest 5 digit number using 3, 0, 9, 7 is(repetition is allowed) _____
   (i) 30079   (ii) 37900   (iii) 30790   (iv) 30097

c) If 7 # 9 = 16 and 6 * 5 = 30 then (15 # 4) * 7 = _____
   (i) 135   (ii) 137   (iii) 131   (iv) 133

d) The combination of numbers so that if the given letters are arranged accordingly, a meaningful word is formed.

C	H	I	T	P
1	2	3	4	5

   (i)3,2,1,5,4   (ii) 5,3,4,1,2   (iii) 5,4,1,2,3   (iv) 4,5,2,1,3

e)

3	1
16	4

5	8
30	2

9	5
?	6

   (i)   38   (ii)   50   (iii)   40   (iv)   60

SECTION – B

3. Answer the following   **(2 x 6 = 12)**

a) Convert $2\frac{3}{4}$ into decimal .

b) Subtract 30 % of 250 from 1000, then round the difference to the nearest tens.

c) Is it possible to have a triangle with sides of lengths 12 cm , 5 cm and 13 cm? Justify .

d) Find the average first five even multiples of 9 .

e) A second hand furniture dealer buys a used dining table for ₹ 8950. He spends ₹ 1500 on polishing and repairing it. If he sells it at ₹ 13,500. What is his profit amount or loss amount ?

f) Can we draw a right angled triangle with one angle as obtuse angle? Give reasons

SECTION – C

4. Answer the following   **(3 x 5 = 15)**

a) Mr Rahim purchased the following items from Reliance Fresh , Indira Nagar, Lucknow on 15th February 2017
   i)   6 kg rice for ₹ 240
   ii)   1 ½ kg dal for ₹ 91.50 per kg
   iii) 250 g moong dal for ₹ 120 per kg
   iv)   Two packets of biscuits ₹ 52.50 per pack. Find the amount of money he needs to pay at the counter. (Prepare a Bill)

b) A man deposits a sum of money for two years at 12% interest and earns an interest of ₹ 3600. What was the amount he deposited ? With interest amount he bought saplings and distributed in his colony to plant around the colony. What message was given by the man by this deed?

c) Mohan bought 15 kg of tomatoes for ₹ 450 . One kg of tomatoes were spoiled. Rest he sold for ₹ 32 per kg. What was his loss or profit?

d) Simplify $\frac{5}{4} + 2 \times 1\frac{3}{4} \div \frac{6}{8} - 2$

e) A cobbler made 10 pairs of shoes. He sold 7 pairs of shoes for ₹ 350 per pair and 3 pairs of shoes he sold ₹ 420 per pair. Find the average selling price of a pair of shoes.

SECTION – D

5. Answer the following   (4 x 2 = 8)

a) Ram has ₹ 3, 25,000 as savings. Out of this amount, he gave 25 % to his son and 35 % to his daughter. Find the amount of money he gave to his children. From the rest he gave ₹ 78000 to his wife. What percent of money out of the rest did he give to his wife ?

b) 120.75m is the length of 15 pieces of rod which are cut in equal length. What will be the length of 28 such pieces of rod?

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