DAV PUBLIC SCHOOLS, BHUBANESWAR

ANNUAL EXAMINATION, 2019-20

CLASS-V

SUB: MATHEMATICS

TIME : 2 Hours   **F.M : 50**

General Instructions:
- All the questions are compulsory.
- This question paper has 4 sections and 3 printed pages.
- Section – A contains 1 mark questions.
- Section – B contains 2 mark questions.
- Section – C contains 3 mark questions.
- Section – D contains 4 mark questions.

SECTION –A

(1) Fill in the blanks.   **(10 x 1 =10)**

(a) _____ $\div 100 = 1.47$

(b) While rounding off numbers to the nearest lakh, we look at the digit in the _____ place.

(c) 12.798 rounded off to the nearest hundredth is_____ .

(d) 2% of 600 is_____ .

(e) The extra money paid for every 100 rupees per year is_____ .

(f) If $25 \times 25 = 625$, then $25 \times 2.5 =$_____ .

(g) $\frac{2}{5} =$ _____ %

(h) $20\% =$_____ . (Convert into a fraction in lowest term)

(i) $1700 - 2300 + 3000 =$ _____ .

(j) $14 \div 4 =$_____ . (Find the answer in decimal)

(2) **Choose the correct option.**

(a) 5+5-5+5 = _____.

   (i) 0   (ii) 10   (iii) 20   (iv) 15

(b) 4980 rounded off to the nearest hundred is_____.

   (i) 4900   (ii) 4980   (iii) 5000   (iv) 4990

(c) Average of 4 numbers is 8. Sum of 4 numbers is _____.

   (i) 12   (ii) 32   (iii) 22   (iv) 6

(d) Selling Price = Cost Price - _____.

   (i) Profit   (ii) Loss   (iii) Gain   (iv) Actual cost price

(e) Which of the following can be the third side of a triangle whose sides are 7 cm and 11 cm respectively?
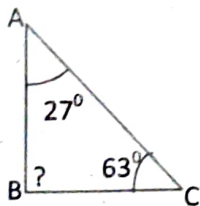
   (i) 21 cm   (ii) 19 cm.   (iii)18cm   (iv) 6 cm

SECTION – B

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

(a) Product of two numbers is 225. If one of the number is 1.5, find the other number.

(b) Add 103849 and 4237 and round off the sum to the nearest thousand.

(c) Find the average of first five multiples of 3.

(d) A book when sold at Rs.275 there is a loss of Rs. 37 to the seller. At what price did he purchase the book?

(e)

i) Find the missing angle in the above figure.

ii) What type of triangle is this?

(f) Can you construct a triangle with the line segments of length 9 cm, 5 cm and 4 cm? Give reason.

(4) Answer the following.

(a) Simplify :   (5 x 3 = 15)

$$3726 - 824 \div 8 - 425 \times 6$$

(b) The average score of Leela in Maths, EVS and English is 37. If she has scored 49 in Maths and 35 in EVS, find her mark in English.

(c) Iqbaal is a carpenter. He sold a sofa set for Rs. 55,750 and made a profit of Rs.1768. He donated the money earned as profit to an orphanage.

i) Find the cost price of the sofa set.

ii) What value is shown by Iqbaal?

(d) Mohan deposited Rs. 78,000 in his account .The bank pays an interest of 8% per annum. What amount will Mohan get back after five years?

(e) Reeta purchased the following items from Arnapurna General Store, Andheri, Mumbai on the 7th of August 2019. Prepare a bill and find the total amount to be paid by Reeta.

i) 3 kg rice at Rs. 27.50 per kg

ii) 5 kg urad dal at Rs. 76 per kg

iii) 10 packets of biscuits at Rs. 17.50 per packet

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

(a) A tailor uses 2.85 m of cloth to stitch a shirt. Find the cost of cloth he needs to stitch 320 such shirts if the cost of the cloth is Rs. 127.50 per meter.

(b) Bronze is an alloy of copper and tin only. A bronze statue of Mahatma Gandhi weighing 2300 kg is built using 89% of copper. Find the weight of the tin used in building the statue.