**AFSS CENTRAL EVALUATION SYSTEM**

Central Assessment Team (CAT), HO Islamabad

**2nd MidTerm Examination 2016 – 17**

**MATHEMATICS - Class V**

**50 marks 2 hours**

**INFORMATION FOR STUDENTS**

Marks are given against each question or part of question.

Write your name, roll number and date in the spaces provided below.

|  |  |
| --- | --- |
| Student’s Name:  | Roll No: |
| Center’s Name: | Date: |
|  | Day: |
| Invigilator’s Name: | Sign: |
| Marks Obtained:  | Remarks: |
| Examiner’s Name:Date: | Sign :Day: |

***OBJECTIVE-20***

**Q No 1:Fill in the blanks. 10**

1. $\frac{9}{20}$ = \_\_\_\_\_\_\_ in decimal form.
2. 0.119 x \_\_\_\_\_\_ = 11.9
3. To change 0.753 into a whole number, I must multiply by \_\_\_\_\_\_\_.
4. 8.74 ÷ \_\_\_\_\_\_= .0874
5. Dividing by ½ is the same as multiplying by \_\_\_\_\_\_\_\_.
6. 1.92 ÷ \_\_\_\_\_\_= .0874
7. 0.17 is the same as seventeen \_\_\_\_\_\_\_.
8. Loss% = Loss x 100%
9. Profit = - sale price
10. 37.4 + 16.8 = \_\_\_\_\_\_\_.

**Q No 2:Change the following into decimal fraction. 10**

1. $\frac{2}{5}$ = \_\_\_\_\_\_\_\_\_
2. $\frac{13 }{25}$= \_\_\_\_\_\_\_\_\_

**●Fill in the missing symbols ( +,-,x or ÷ )**

1. 2.02 \_\_\_\_\_ 1.01= 3.03
2. 9.1 \_\_\_\_\_ 2.1 = 7
3. O.06 \_\_\_\_ 10 = 0.6

**●Write the place value of the underline digit.**

1. 25.174
2. 14.032
3. Reciprocal of 7/8 is \_\_\_\_\_\_\_\_\_

**●Put ‘<’ , ‘>’ and ‘ =’ in the following blanks.**

1. $\frac{8}{100}$ $\frac{8}{10}$
2. 1.75 1 $\frac{75}{100}$

***SUBJECTIVE - 30***

**Solve any three questions of the following. 3 × 10 = 30**

**Q No1(a):**Solve the following expressions using.

3 x ( 1 $\frac{1}{4}$ ÷ $\frac{5}{8}$ ) - 2 $\frac{5}{6}$

 **b):** 4 x 0.7 + 1.6 + 3.8 – ( 1.1 x 0.75)

**Q No 2(a):**How many 0.25- liter cups can be filled from a 4.5 L jug of lemonade?

 **b):** Divide 115.02 by 18.

**Q No 3(a):**In a TV quiz program, Sid answers 65 questions and gets 32 answers

 right. Sara answers 80 questions and gets 52 correct answers. Give

 their scores in percentages and find out who is better at quizzes!

 **b):** Find the loss and percentage loss on these sales:

 C.P. = Rs 3250 and S.P. = Rs. 4500

**Q No 4(a):**Find the amount when:

Principal = Rs 1000, interest = 7.5%

 **b):** Calculate the Interest where:

 P = Rs. 28,750 , R = 12% , T = 5 $\frac{1}{2}$

 **b):Find the prime factors of 156.**

**Q No 2(a):Simplify the following, using DMAS rule.**

48 ÷ 12 + 6 × 4.

 **(b):Divide**

384691 ÷ 372.

**Q No3(a):If the area of a carpet is 32m2 and its breadth is 4m, what is the length?**

 **(b): Simplify**

$10\frac{1}{10}+\left[4-\left\{\frac{7}{10}+\left(\frac{1}{5}+\frac{1}{4}\right)\right\}\right]$

**Q No 4:If a toy factory produces 2850 toy cars every day, how many cars will be produced in a year of 296 working days?**

**b) Multiply (1231 × 540)**