**AFSS CENTRAL EVALUATION SYSTEM**

Central Assessment Team (CAT), HO Islamabad

**Final Term/ Annual Examination 2016 – 2017**

**MATHEMATICS - Class IV**

**100 marks 3 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-40marks***

**Q No1:Fill in the blanks. 10**

i) A triangle with equal sides is called a \_\_\_\_\_\_\_\_\_\_ triangle.

ii) 1 milligram is equal to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_g.

iii) The prime no after 23 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

iv) The only even prime no is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

v) Two right angles added together = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ degrees.

vi) 8000 paise = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rupees.

vii) Numbers which have only two different factors are called \_\_\_\_\_\_\_\_\_\_\_\_ numbers.

viii) Lines which are perpendicular to one another have a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ angle between them.

ix) 2*l* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_k *l*

x) 1 more than 70,099 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Q No2:Choose the correct option. 10**

i) Ten thousand less than one lakh is .

 a) 90,000 (b) 9000 (c) 95,000 (d) 900

ii) The sum of angles of a triangle adds up to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

 a) 60 O (b) 90 O  (c) 120 O (d) 180O

iii) A ray has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ end points.

 a) 0 (b) 1 (c) 2 (d) numerous

iv) Write the successor of 140,598

 a) 8,49,209 (b) 39,49,900 (c) 140,599

v) Circle the factors of 18.

 3 , 6 , 2 , 7 , 7 , 11 , 9 , 1

vi) 500,000 is the same as:

 a) 5 lakh (b) 50 lakh (c) 500 lakh (d) 5000 lakh

vii) The product of 8000 and 8 is

 a) 640 (b) 64,000 (c) 6,40,000 (d) 6400

viii) What is the value of 8 in the numeral 18,964?

 a) 800 (b) 80 (c) 80,000 (d) 8000

ix) The greatest 6-digit numeral that can be formed with the digits 8,0,4,1,5

and 6 is:

 a) 651,480 (b) 864,510 (c) 865,410 (d) 846,510

x) A pentagon has \_\_\_\_\_\_\_\_\_\_\_\_\_\_ angles.

 a) 6 (b) 5 (c) 3 (d) 7

**Q No 4(a):Put (‘<’ , ‘>’ or ‘=’) in the blanks. 5**

i) 1.65 kl \_\_\_\_\_\_\_\_ 170 kl

ii) $\frac{9}{100}$ \_\_\_\_\_\_\_\_\_\_\_\_\_ $\frac{9}{1000}$

iii) 5.050 \_\_\_\_\_\_\_\_ 5.05

iv) 0.10 \_\_\_\_\_\_\_\_ 0.1

v) 1.19 \_\_\_\_\_\_\_\_ 1.90

**b) State true or false. 5**

i) 21.7 < 21.66 \_\_\_\_\_\_

ii) In 23.569 , 6 stands for tenths. \_\_\_\_\_\_

iii) 0.004 < 0.04 \_\_\_\_\_\_

iv) 0.07 can be written as $\frac{7}{1000}$ \_\_\_\_\_\_

v) The decimal value of $\frac{1}{2}$ is 0.5 \_\_\_\_\_\_

**Q No5:Match Column A with Column B. 10**

|  |  |
| --- | --- |
| **Column A** | **Column B** |
| 8 Hundredths  | 0.007 |
| 4 minutes | Less than 90O |
| Right angle | $$\frac{8}{100}$$ |
| $$\frac{7}{1000}$$ | 4 sides |
| Square | 240 seconds |
| 2000 m*l* | 90O |
| 12 minutes to 3 | $$\frac{6}{7}$$ |
| Acute angle | 2 *l* |
| Eighteen thousand | 2 : 48 |
| $$\frac{4}{7}+\frac{2}{7}$$ | 18,000 |

***SUBJECTIVE-60marks***

**Solve any six of the following questions. Each question carries equal marks. 10 x 6 = 60**

**Q No1:**Write vertically and complete

 a) 28.65m + 16.32m + 9.49m.

 b) 614.18m – 329.77m

**Q No2(a):**Write the following fractions in their lowest term

 i) 0.72 ii) 6.4

 **(b):** Write the following lengths in ‘m’.

 i) 1083 mm ii) 4002mm

**Q No3(a):**Draw angles by using protector.

 (i) 120 O (ii) 90O

 **(b):**Multiply & divide

i) 12.9 x 61 (ii) $3 \sqrt{654.6}$

**Q No5(a):**Find common factors of 27, 36 and 45.

 **(b):**Find the H.C.F of 32 and 48.

**Q No6(a):**Write a fraction equivalent to $\frac{16}{32}$ but is in its lowest terms.

 **(b):**Change the following fractions into mixed numbers

 i) $\frac{40}{8}$ ii) $\frac{17}{2}$

**Q No 7:**Add and subtract the mixed numbers

 a) $10\frac{2}{7}+1\frac{3}{7}$ (b) $8\frac{5}{12}-4\frac{5}{6}$

 **Q No9(a):** Write these sums of money as decimals

 i) Rs. 60 and 10 paise (ii) Rs. 300 and 50 paise

 **(b):**Draw lines of these lengths perpendicular to each other

 i) PQ = 4cm, St = 8cm