**AFSS CENTRAL EVALUATION SYSTEM**

Central Assessment Team (CAT), HO Islamabad

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

**MATHEMATICS - Class II**

**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) 500ml ×\_\_\_\_\_\_\_\_ = 1000ml

ii) 6 × 8 = \_\_\_\_\_\_\_\_

iii) 24 ÷ \_\_\_\_\_\_\_\_\_ = 6

iv) 40 ÷ \_\_\_\_\_\_\_\_\_= 8

 v) A sphere has only \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ face.

vi) There are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ days in a September.

vii) A cone has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ faces.

viii) In a leap year, there are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ days.

 ix) 500 ml × \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = 1000 ml = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

 x) The first month of the year is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Q No2:Write the numbers in words. 10**

i) 284 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii) 119 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **Write in numbers.**

iii) Six hundred and thirty \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

iv) Eight hundred and five \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 v) Put these numbers in descending order:

624 , 738 , 783 , 599 , 629 , 621

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

vi) Write ‘<’ or ‘>’ in the boxes.

396 384 , 692 792

 3

 3

vii) Count in 6’s and fill in the missing numbers

12 \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_\_ , 36 , 42 \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_

viii) Complete these:

50 × 0 = , × 10 = 0

ix) Put these numbers on ascending order:

232 , 248 , 223 , 218 , 281 , 110

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

x) 5 × = 30

**Q No3(a):Join each shape to its name from the list. 5**

|  |  |
| --- | --- |
|  | Cuboid |
|  | Cylinder |
|  | Cone |
|  | Sphere |
|  | Cube |

**Q No3(b):Choose the correct answer and circle it. 5**

i) What number is 100 less than 159?

 a) 100 (b) 5 (c) 59 (d) 109

ii) There are \_\_\_\_\_ days in 4 weeks

 a) 21 days (b) 23 days (c) 28 days (d) 35 days

iii) What is the value of ‘7’ in the number of 780?

 a) 7 (b) 70 (c) 700 (d) 7000

iv) A pizza is cut into 4 equal parts .One part is eaten. What fraction of the pizza is left?

 a) $\frac{2}{3}$ (b) $\frac{3}{4}$ (c) $\frac{1}{4}$ (d) $\frac{2}{4}$

v) How many vertices does a cube have?

 a) 6 (b) 9 (c) 8 (d) 10

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 176 | 289 | 342 | 999 | 500 |
| 457 | 250 | 450 | 618 | 550 |
| 400 | 110 | 803 | 199 | 852 |
| 645 | 375 | 210 | 700 | 305 |

**Q No4:Look at the numbers on the table and answer the questions below. 10**

a) The largest even number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) The smallest odd number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) Write all the numbers that are less than 200.

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d) Which number is one less than one thousand?

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

e) Which two even numbers add up to 900?

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

f) The sum of the first and the last number on the grid is

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***SUBJECTIVE-60marks***

**Solve any six of the following questions. 10x6=60**

**Q No1(a):**One sweet costs 5 rupees. Sabeen buys 6. How much money does she spend? 5

 **(b):** Write the table of 8. 5

**Q No2(**a):Aysha buys 500g of peanuts, 100g of coffee, and 50g of cashew nuts.

What is the total weight? 5

 (b):How many threes are there in? 5

 How many fives are there in ?

15 ÷ 3 =

15 ÷ 5 =

**Q No3(a):**Write the fraction of coloured part of the following figures? 5



**b)**What time does each clock show? 5



**Q No4:Multiply the following (any five). 10**

 i) T O ii) T O iii) T O

 1 5 1 2 9

 × 4 × 2 × 4

 iv) T O v) T O vi) T O

 1 0 7 1 0

 × 4 × 8 × 9

**Q No5:Add the following. 10**

 i) 5 m 18 cm ii) 27 m 20 cm

 + 2 m 67 cm + 12 m 10 cm

 iii) Rs. 1 0 iv) Rs. 4 8

 + Rs. 2 8 + Rs. 2

 v) 5 0 m

 + 2 9 m

**Q No6:Subtract the following. 10**

 i) 4 m 29 cm ii) 42 m 53 cm

 - 3 m 21 cm - 29 m 29 cm

 iii) 92 *l* 620 m*l* iv) 9 6

 - 74 *l* 280 m*l* - 5 5

 v) 6 0 9 vi 8 1 1

 - 1 9 1 - 6 8 4

**Q No7:Divide the following (any 5). 10**

1. $5\sqrt{25}$ ii) $10\sqrt{100}$ iii) $3\sqrt{30}$

 iv) $ 6\sqrt{36}$ v)$ 6\sqrt{42}$ vi) $10\sqrt{100}$