

AFSS CENTRAL EVALUATION SYSTEM

Central Assessment Team (CAT), HO Islamabad

Final Term/ Annual Examination 2015 – 2016

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: Sign :

Date: Day:

OBJECTIVE

Q. No. 1: Fill in the blanks.

10

- i) A triangle with no equal sides is called a _____ triangle.
- ii) A chart in the shape of circle is called a _____ chart.
- iii) The prime no after 19 is _____.
- iv) The only even prime no is _____.
- v) Two right angles added together = _____ degrees.
- vi) 7000 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) 2000 ml = _____ l
- x) 1 more than 70,099 is _____.

Q. No. 3: Choose the correct option.

10

- i) A square has _____ angles.
a) 1 (b) 2 (c) 3 (d) 4
- ii) The sum of angles of a triangle adds up to _____.
a) 60° (b) 90° (c) 120° (d) 180°
- iii) A ray has _____ end points.

- a) 0 (b) 1 (c) 2 (d) numerous
- iv) Write the successor of
- 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. 3:a) Put ('<' , '>' or '=') in the blanks.

5

- i) 0.09 _____ 0.019
- ii) $\frac{3}{100}$ _____ $\frac{3}{1000}$
- iii) 5.050 _____ 5.05
- iv) 0.08 _____ 0.1
- v) 1.19 _____ 1.90

b) State true or false.

5

- i) $21.7 < 21.66$
- ii) The 6 in 23.569 stands for six tenths.
- iii) $0.004 < 0.04$
- iv) 0.07 can be written as $\frac{7}{1000}$
- v) The decimal value of $\frac{1}{5}$ is 0.2

Q. No. 4: Match Column A with Column B.

10

<u>Column A</u>	<u>Column B</u>
8 tenths	0.007
4 minutes	Less than 90°
Right angle	$\frac{8}{10}$
$\frac{7}{1000}$	4 sides
Square	240 seconds
2000 ml	90°
12 minutes to 3	$\frac{6}{7}$
Acute angle	2 l
Eighteen thousand	2 : 48
$\frac{4}{7} + \frac{2}{7}$	18,000

SUBJECTIVE

Solve any six questions of the following.

10 x 6 = 60

Q. No. 1: Write vertically and complete

a) $28.65\text{m} + 16.32\text{m} + 9.49\text{m}$.

b) $614.18\text{m} - 329.77\text{m}$

Q. No. 2: Write the following fractions in their lowest term

a) 0.72 (b) 6.4

Q. No. 3: Draw angles by using protector.

(a) 110° (b) 90°

Q. No. 4: Multiply & divide

a) 60.9 (b) $3 \sqrt{654.6}$
4 3

Q. No. 5.a): Find L.C.M of following pair of numbers, using division method

24 and 32

b) Find the H.C.F of the following: 16, 20 and 40

Q. No. 6.a): Write a fraction equivalent to $\frac{5}{6}$ and has a denominator of 30.

b) Change the following fractions into mixed numbers

i) $\frac{30}{8}$ ii) $\frac{9}{2}$

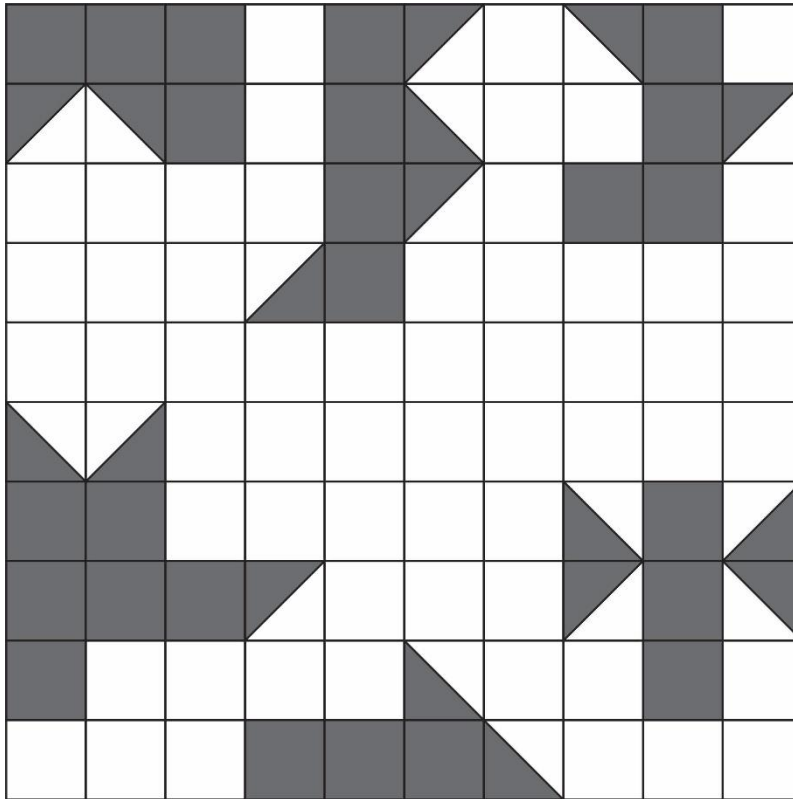
Q. No. 7: Add and subtract the mixed numbers

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

Q. No. 8.a): Draw the following rectangle then find the area and perimeter

$$l = 8\text{cm}, b = 2\text{cm}$$

b) Three of the shapes shown below have the same area. Find them.



Q. No. 9.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