ITL PUBLIC SCHOOL
SECTOR – 9, DWARKA

SESSION 2015 -2016

Summative Assessment I

(Answer Key)

DATE: 24.09.2015

CLASS: IV **SUBJECT:Maths**

TIME: 2 hrs **M.M: 60**

Student's Name: _____ **Roll No. :_____**

No. of Pages: 05 **Invigilator's Signature:____**

General Instructions:

Read the question paper carefully.
This paper contains 20questions.
All the questions are mandatory.
Write the question number properly.
Do not write anything on question paper.

SECTION – A (10)

Q1.**Multiple choice questions (choose the correct answer)**

i) When a number is subtracted from itself, the difference is _____.

a) 1 **b) 0** c) 6 d)number itself

ii) Multiplicand x Multiplier = _____.

a) Quotient b) Remainder **c)Product** d)Difference

iii) A line segment has _____ end points.

a) **b)two** c) infinite d) no

iv) The difference between the greatest 5 digit number and the smallest 6 digit number is _____.

a) 0 b) 99999 **c) 1** d) 10000

v) The minute hand of a clock completes one round in ____ hour.

a) 1 b)12 c) 24 d)5

vi) A five digit number begins with _____ place.

a) Thousands **b) ten thousands** c) lakhs d) ten lakhs

vii) 30 apples are distributed among 5 children. How many apples will each child get?

a) 3 b) 4 c) 5 **d) 6**

viii) The short form of 60000 + 600 + 6 is _____

a) 66666 **b) 60606** c) 6060 d) 60660

ix) 80000 – 1 = _____

a) 79900 b) 79990 c) 79991 **d) 79999**

x) 486 x 744 = 744 x _____

a) 486 b) 664 c) 744 d) 684

SECTION –B

Q2. Answer the following questions: **(9)**

i) Draw a line segment of 6 *cm*.

Ans) A B line $\overline{AB}$

ii) Find the product of 5 x 65 using expanded notation.

` Ans) (5 x 60 + 5)

(5 x 60 + 5 x 5)

= 300 + 25 = 325

iii) Find the diameter of a circle whose radius is 7 *cm*.

Ans) Diameter = 2 x r

= 2 x 7 *cm*

= 14 *cm*

iv) Divide 759 by4

Ans) Quotient = 189, Remainder = 3

v) Check whether 2015 is a leap year.

Ans) No, because year 2015 is not divisible by 4

vi) The cost of a bag is₹ 480. Find the total cost of 10such bags.

Ans) Cost of a bag = ₹ 480

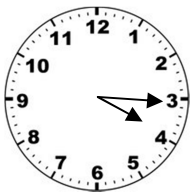
Cost of 10 bags = ₹ 480 x 10

Hence, cost of 10 bags is ₹ 4800

vii) Find the product of 2 x 78 x 5 using suitable grouping.

Ans) (2 x 5) x 78
= 10 x 78
= 780

viii) Write the time shown in the clock in two ways:



Ans) 15 minutes past 4
4:15

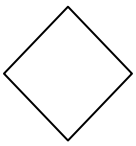
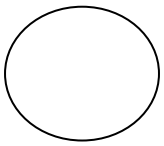
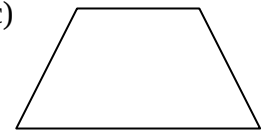
ix) Fill in the blanks.

a) $0 \div 79 =$ **0**

b) $165 \div 165 =$ **1**

SECTION –C **(26)**

Q3. Which of the following figuresare polygons?

a)  b)  c)  d) 

Ans) a and c are polygons because these are formed by line segments

Q4.Convert8 hours 20 minutes into minutes

Ans) 1 hour = 60 min

8 hours = 8 x 60 = 480 minutes

= (480 + 20) minutes

= 500 minutes

Q5. Multiply 179 by 46.

Ans) Product = 8,234

Q6.An aircraft takes 18 hours to fly a distance of 1494 *km.* How far does it fly in 1 hour?

Ans) In 18 hours an aircraft flies a distance of = 1494 *km*

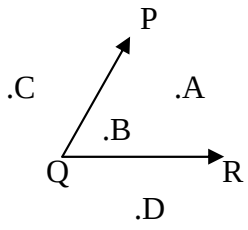
In 1 hour an aircraft flies a distance of = 1494 *km* ÷ 18

Hence it flies 83 *km* in 1 hour

Q7.From the given figure, name the points which are: -

a) In the interior of angle PQR **Ans) Point A and Point B**

b) In the exterior of angle PQR **Ans) Point C and Point D**



Q8. What must be added to 73,168 to get 93,174.

Ans) Hence 20,006 must be added to 73,168 to get 93,174

Q9. a) Convert 6: 45 p.m to 24 hour clock time. **Ans) 1845 hours**

b) Convert 14:15 hours to 12 hour clock time. **Ans) 2:15 p.m**

Q10.Find the dividend if the divisor is 4, the quotient is 81 and the remainder is 2.

Ans) dividend = 326

Q11. Find the sum of the place value of 6s in **6**124**6**0.

Ans) Place value of first 6 = 600000

Place value of second 6 = + 60

Sum of the place value of 6s = 600060

Q12.Form the smallest and greatest 6-digit number using the digits 6, 7, 0, 9 and 1 repeating 9 twice.

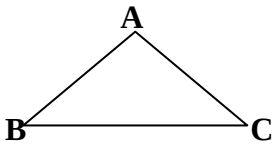
Ans) Smallest 6 digit number is 106799

Greatest 6 digit number is 997610

Q13. Add 6 hours 25 minutes and 12 hours 50 minutes.

Ans) 19 hours 15 minutes

Q14. Draw△ ABC and name the following



a) its sides **AB, BC, CA**
b) its vertices **A, B, C**

Q15. The cost of 9 watches is ₹ 999. Find the cost of 1 watch.

Ans) Cost of 9 watches = ₹ 999

Cost of 1 watch = ₹ 999 ÷ 9

Hence, cost of 1 watch is ₹ 111

SECTION –D **(15)**

Q16.The play is 2 hours 20 minutes long. If it starts at 6:15 p.m.at what time does it get over?

Ans) (6 hours 15 minutes + 2 hours 20 minutes)

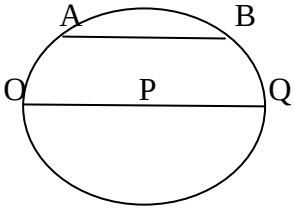
The play gets over at 8:35 p.m

Q17. There are 2259 passengers on a train. At the next station 345 passengers gets down. How many passengers are there on the train now?

Ans) No. of passengers on a train = 2259
No. of passengers gets down = 345
No. of passengers on the train = 2259-345
= 1914 passengers
Hence there are 1914 passengers on the train

Q18. Draw a circle and name the following: -

a) its centre **P**
b) a diameter **OQ**
c) a radius **OP ,PQ**
d) a chord **AB**



Q19.Rahul took 285 pencils to his class on his birthday. He distributed the pencils equally among 35 friends. How many pencils did each child get? How many pencils were left with him?

Ans) No. of pencils Rahul had = 285
No. of his friends = 35
No. of pencils each child gets = 285 ÷ 35
= 8 pencils

No. of pencils left = 5

Q20.**Value Based Question**

Riya loves birds. She has kept 28 birds in one cage. If there are 15 cages

a) Find the total number of birds in all the cages.

Ans) No. of birds in one cage = 28
No. of birds in 15 cages = 28 x 15
= 420 birds
Hence, there are 420 birds.

b) Is Riya doing the right thing by keeping the birds in cage? Give one reason to support your answer.