INDIAN SCHOOL AL WADI AL KABIR

Holiday Assignment (2019-20)

Class: VI Sub: MATHEMATICS Submission Date

Date : 23-05-2019 8th Aug 2019

Instructions:

(i) ***All*** *questions are compulsory*

(ii) *Please write down the serial number of the question before attempting it.*

Section A : Multiple Choice Question

Q.1. A number that is neither prime nor composite

A 2 **B** 1 **C** 3 **D** 4

Q.2. The sum of two consecutive odd numbers is always divisible by

A 5 **B** 8 **C** 4 **D** 12

Q.3. 10 Crores equal

A 10 millions **B** 100 millions **C** 1 million **D** None of these

Section A : Match the following

	Column A	**Column B**
Q.4.	27	i) Factor of 38
Q.5.	100	ii) Multiple of 3
Q.6.	19	iii) Predecessor of 99
		iv) Roman numeral C

Section B : Short Answer Questions (Type – 1)

Q.7. Find the sum on the number line 5 + 4

Q.8. Find the product using suitable rearrangement : 625 ×30 × 8 × 20 **Ans:30,00,000**

Q.9. Check the divisibility of 25861 by 11

Q.10. Find the sum by suitable rearrangement: 453 + 345 + 647 + 835 **Ans: 2280**

Q.11. Find the first three common multiples of 6 and 8.

Q.12. Find the common factors of 18 and 60.

Section C : Long Answer Questions (Type – 1)

Q.13. Find using distributive property:

a. 5437 × 1001 b. 258 × 98 **Ans: a. 5442437,b. 25284**

Q.14. Write the smallest and greatest 5-digit number using the digits 2,4,9,0,7 and find their difference.

Q.15. If 105 kg of wheat is contained in one box, find the total quantity of wheat contained in 58 such boxes.

Ans: 6090 kg

Q.16. Identify the property used in the following cases:

a. 122 × 23 × 16 = 122 × 16 × 23
b. (104 + 186)+ 312= 104 + (186 + 312)
c. 18 × (100 + 5) =18 × 100 + 18 × 5
d.

Q.17. Solve using distributive property:

a. 3862 × 190 – 100 × 3862 **Ans: a. 347580**
b. 515 × 250 + 515 × 50 **b. 154500**

Q.18. Round off 1308

1. To the nearest tens
2. To the nearest hundreds
3. To the nearest thousands

Section D : Long Answer Questions (Type – 2)

Q.19. A merchant had ₹ 90,980 with him. He placed an order of 40 bicycles at a rate of ₹ 970 each and 20 toy cars at a rate of ₹ 540 each. He deposited the remaining money in his bank account. Find the amount of money he deposited in his bank account. **Ans: ₹ 41,380**

Q.20 Sanjay owns a fruit juice shop in a busy market. In the month of June, he sold 5 kL 680 L of juice . Next month he sold 6kL 370 L of juice. Find how much juice he sold in all, in the two months. Also find how much more juice was sold in July compared to amount sold in June.

Ans: 12 kL 50 L; 690 L

Q.21 A salesman goes from Delhi to Karnataka which is 1927 km apart. A day later, he goes to Tamil Nadu which is 633 Km away from Karnataka. The next day, he retraces his journey from Tamil Nadu to Karnataka and then to Delhi. Find the total distance he travelled in all. **Ans: 5120 km**

Q.22. For a school fete, a ticket costs ₹ 8. There are 25 students in a class and each student bought a ticket. If there are 78 classes in the school, how much money was collected by the sale of tickets?

Ans: ₹ 15600

Q.23. Check the divisibility of the given numbers, as indicated, using the tests of divisibility:

a. 23514 by 4
b. 567126 by 6
c. 67329 by 9

Q.24. Find the prime factorisation of 180 by

a. Factor tree method
b. Division method

Q.25. a. Find the HCF of 24, 32, 40 b. Find the LCM of 12, 20, 36 by division method

Ans: a. HCF= 8 ; b. LCM =180