Subject Code | 6 | 0 | 3 | 3 |

STATE LEVEL ASSESSMENT(SA-1)

Session 2019 - 20

Class – 6

Subject :MathematicsEnglish Medium (**CBSE**)

Time: 02:30 hours Total Marks | 4 | 0 |

Student ID | | | | | | | | | | |

Name of the Student_____

Name of the School_____

Obtained Marks (in figures) | | | (In words) _____

Signature of the Head Master_____

Signature of the Invigilator _____

Only for Valuation Purpose										
						PAPER CODE				
STUDENT CODE										

1		**10**		**Signature and Seal of Centre Superintendent**	**Signature of Valuer**
2		**11**			
3		**12**			
4		**13**			
5		**14**			
6		**15**			
7		**16**			
8		**17**		**Date:**	**Date:**
9					
कुलप्राप्तांक **(Total Marks Obtained)**					

Instructions:–

1. All Questions are compulsory.
2. Answers of each question are to be written in this sheet only.
3. Question Number 1 to 5 carry1 mark each.
4. Question Number 6 to 10 carry 2 marks each.
5. Question Number 11 to 15 carry 3 marks each.
6. Question Number 16 and 17 carry 5 marks each.

Q.1 Largest three digit no is **1**

(a) 100 (b) 111 (c) 999 (d) 119

Ans. (c) 999

Q.2 Least whole number is..... **1**

(a) 1 (b) 0 (c) 10 (d) 100

Ans. (b) 0

Q.3 Sum of 5 + (-11) is..... **1**

(a) 5 (b) 11 (c) - 6 (d) 0

Ans. (c) - 6

Q.4 The H.C.F. of co-prime is..... **1**

(a) 1 (b) 5 (c) 0 (d) 10

Ans. (a) 1

Q.5 $\frac{2}{3} + \frac{1}{3} =$ **1**

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

Ans. (c) 1

Q.6 In a mathematics test the following marks wereobtained by 40 students. Arrange these marks in a table using tally marks. **2**

8	1	3	7	6	5	5	4	2
4	9	5	3	7	1	6	2	7
7	3	8	4	2	8	9	8	6
7	4	5	6	9	6	4	6	6

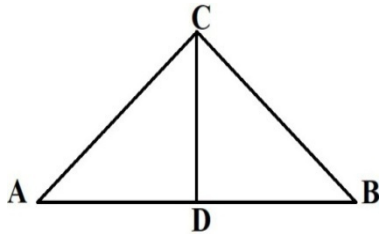
Ans.

1.	||	2	5.	||||	4	9.	|||	3
2.	|||	3	6.	~~||||~~||	7			
3.	|||	3	7.	~~|||~~	5			
4.	|||	4	8.	||||	4			

Q.7 Identify three triangles in the givenfigure: **2**

(a) write the name of six line segments

(b) which two triangles have $\angle B$ as common



Ans. (a) $\overline{AB}$, $\overline{AC}$, $\overline{BC}$, $\overline{CD}$, $\overline{AD}$, $\overline{DB}$

(b) $\angle CBA$, $\angle CBD$

Q.8 A girl spent $\frac{2}{5}$ of her pocket money on sweets. If the sweets were bought for4Rs. How much money did she have in the beginning? **2**

Ans. 8 Let the money in the beginning = x

Money spent on sweets= x - 2/5

sweets bought = 4

x -2/5 = 4

x = 4 + 2/5

x = (20+2)/5

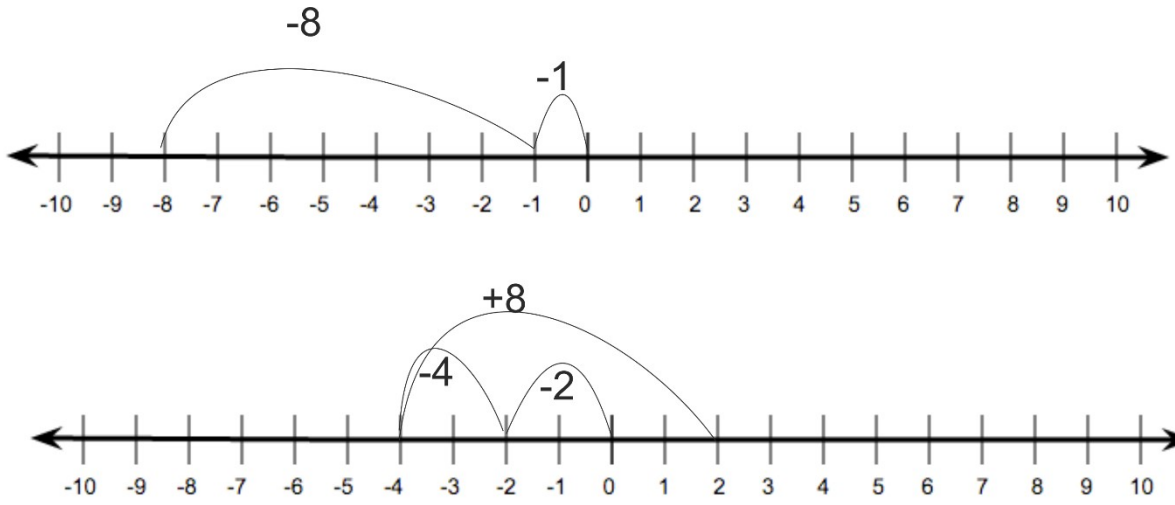
x = 22/5 = Answer

Q.9 Use number line and add the following integers. **2**

(a) (-1) + (-7)

(b) (-2) + 8 + (-4)

Ans.



Q.10 What is the measure of **2**

(i) a right angle?

(ii) a straight angle?

Ans.

(i) 90^0

(ii) 180^0

Q.11 Write as fractions in lowest term. **3**

(a) 0.60 (b) 0.05

Ans. a. 0.60 /100 = 3/5

b. 0.05 /100 = 1/20

Q.12 Renu purchases two bags of fertilizer of weight 75kg and 69 kg. Find the maximum value of weight which can measure the weight of the fertilizerexact number of times. **3**

Ans.

3	75
5	25
5	5
	1

3	69
23	23
	1

Hence, 75 = 3 x 3 x 5

69 = 3 x 23

The common factor of 75 and 69 = 3

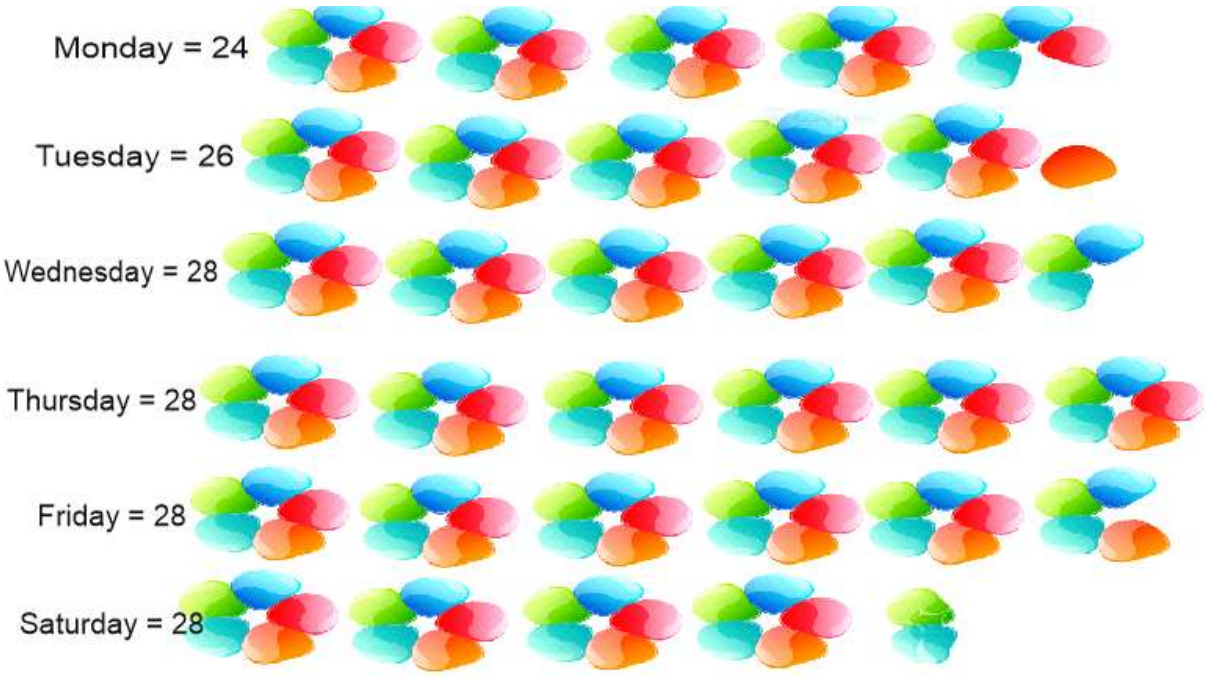
Therefore the maximum value = 3kg

Q.13 The following are the details of number of students present in a class of 30 during a week. Represent it by a pictograph. **3**

Days		**Number of students present**
Monday	-	24
Tuesday	-	26
Wednesday	-	28
Thursday	-	30

Friday	-	29
Saturday	-	22

Ans.



Q.14 Write in Roman Numerals. **3**

(a) 68 (b) 97 (c) 53

Ans. a) LXVIII

b) XCVII

c) LIII

Q.15 Name the types of trianglesfor the given information. **3**

(a) Δ ABC with AB = BC = CA = 5 cm

(b) Δ DEF with $\angle$ D = 90^0

(c) Δ XYZ with $\angle$Y = 90^0 , XY = YZ

Ans. (a) .....

(b) ……

(c) ……

Q.16 A vendor supplies 32 litres of milk to a hotel in the morning and 68 litresof milk in the evening. If the milk costs Rs. 45 per litre, how much money is due to the vendor per day? **5**

Ans. Vendor supplies milk in the morning = 32 l

Vendor supplies milk in the evening = 68 l

Cost of milk per litre = 45

Total milk per day = 32+68 =100 l

Money due to the vendor per day = 100 * 45

= RS. 4500.

Q.17 Draw any circle and mark. **5**

(a) its center

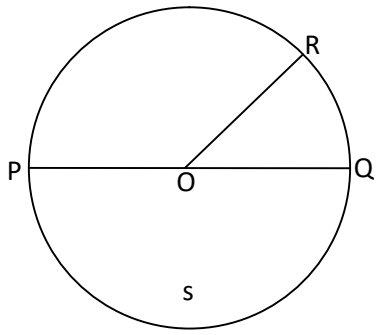
(b) a radius

(c) a diameter

(d) a sector

(e) a point in its interior

Ans.



Centre = O

Radius = $\overline{OP}$, $\overline{OQ}$, $\overline{OR}$
Sector = $\widehat{ROQ}$
Interior point = s
Diameter = PQ