St. Anne's School

(Affiliated to C.B.S.E New delhi)

CLASS 7

Summer Vacation is probably the best time of the year for you all. With learning happening at all times, summer vacation can also be a time for learning with lots of activities around.

Here is a task for you to be completed during the vacation. Do remember to complete the given task after reading the criteria carefully.

You need to bring your research work to school on the first day of school without fail.

Some Tips to make this holiday special:

Get involved in indoor games. Play board games with your parents and sibling and show them who is the smartest

- **Watch good movies and try out writing about the positive and negative aspects of the film. Read interesting books and explore different genres of books online**

Some Do's and Don'ts during Summer Vacation:

Do's:

- ✓ Do drink lots of water.
- ✓ Do wear light cotton clothes.
- ✓ Do have plenty of seasonal fruits like musk-melon, water-

melon, orange, cucumber, etc.

- ✓ Do drink a glass of buttermilk at every meal.
- ✓ Do study for half an hour to one hour every day.

Don’ts:

- ✓ Don’t venture out of house in afternoon sun.
- ✓ Don’t have junk food.
- ✓ Don’t watch too much TV.
- ✓ Don’t waste time in being lazy.
- ✓ Don’t dirty your place of living.

SUBJECT-MATHS Holiday Homework (2020-21) Class VII

1. **Which of the following numbers is prime?**
   (a) 23 (B) 51 (c) 38 (d)26
2. **Which of the following numbers are twin primes?**
   (a) 3 ,5 (b) 5 ,11 (c) 3, 11 (d) 13 , 17
3. **Which of the following numbers is divisible by 6 ?**
   (a) 1258 (b) 61233 (c) 901352 (d) 1790184
4. **Which of the following numbers is a perfect number ?**
   (a) 12 (b) 28 (c) 8 (d) 16
5. **Which of the following is the smallest whole number?**
   (a) 1 (b) 2 (c)0 (d) none of these
6. **Which of the following is the smallest even whole number?**
   (a) 0 (b) 1 (c) 2 (d) none of these
7. **Which of the following is the smallest odd whole number?**
   (a) 0 (b) 1 (c) 3 (d) 5
8. **The successor of -79 is**
   (a) - 80 (b) - 78 (c) 80 (d) 78
9. **The predecessor of -99 is**
   (a) – 98 (b)- 100 (c) 98 (d) 100
10. **The integer 8 more than -12 is**
    (a)4 (b) -4 (c) -20 (d) 20
12. **The additive inverse of 17 is**
    (a) -17 (b) 17 (c) 1/17
    (d) – 1/17

13. **Which of the following is a proper fraction ?**
    (a)4/3 (b) 3/4 (c) 10/3 (d)21/5

16. **Which of the following is an improper fraction ?:**
    (a) ½ (b) 3/7 (c) 7/3 (d) 3/15

17. **3/10 is equal to**
    (a) 3.1 (b) 1.3 (c) 0.3 (d) 0.03

18. **The value of 3/25 is :**
    (a) 1.2 (b) 0.12 (c) 0.012 (d) none of these

19. **A ratio equivalent to 2:3 is**
    (a) 4:3 (b) 2:6 (c) 6:9 (d) 10 :9

20. **The angles of a triangle are in the ratio 1:2:3 the measure of the largest angle is**
    (a) 30^0 (b) 60 ^{0} (c) 90^0 (d) 120^0

21. **The perimeter of a square is 40 cm, then the length of its each side is**

(a)20 cm (b) 10 cm (c) 5 cm (d) 40 cm

22. The area of a square of side 14 cm is

(a) 49 cm^2 (b) 156 cm^2 (c) 56 cm^2 (d) 196 cm^2

23. The length of the diagonal of a square is 20 cm. Its area is

(a) 400 cm^2 (b) 200 cm^2 (c) 300 cm^2 (d) $100\sqrt{2}$ cm^2

24. The perimeter of a square whose area is 225 m^2 is

(a) 15 m (b) 60 m (c) 225 m (d) 30 m

25. The area of a rectangle is 650 cm^2 and its breadth is 13 cm. The perimeter of the rectangle is

(a) 63 cm (b) 130 cm (c) 100 cm (d) 126 cm

26. If the diagonal of a square is $\sqrt{8}$ metre , then its area is

(a) 8 m^2 (b) 4m^2 (c) 16m^2 (d) 6m^2

27. Total number of faces of a cuboid is

(a) 4 (b) 6 (c) 8 (d) 12

28. A brick is an example of a

(a) cube (b) cuboid (c) prism (d) cylinder

29. A quadrilateral having one and only pair of parallel side is called

(a) a parallelogram (b) a kite (c) a trapezium (d) a rhombus

30. A quadrilateral having all sides equal is a

(a) square (b) parallelogram (c) rhombus (d) kite

31. A triangle whose all sides are equal is called

(a) an equilateral triangle (b) an acute triangle (c) a right triangle (d) an isosceles triangle

32 The sum of the lengths of sides of a triangle is known as

(a) area (b) height (c) perimeter (d) region

33. The number of degrees in 2 right angles is

(a) 90^0 (b) 180^0 (c) 270^0 (d) 360^0

34. The number of degrees in 3/2 right angles is

(a) 180^0 (b) 360^0 (c) 270^0 (d) 90^0

35. The ratio of boys and girls in a school is 12 :5. If there are 840 girls in the School, then the number of boys is

(a) 1190 (b) 2380 (c) 2856 (d) 2142

36. If 4,a , a , 36 are in proportion, then a=

(a) 24 (b) 12 (C) 3 (d) 16

37. If 5 : 4: :30 : x, then the value of x is

(a) 24 (b) 12 (c) 3/2 (d) 6

38. Compare :- 1. 5 / 6 ___ 14/18

39. 2/9 ____ 3/7
40 . 5/ 8 ____ 9/16
41. 4/9 ____ 7/17
42. Add:- 1. 15 + 17/4
43. 5/ 24 + 11/ 16
44. Subtract :- 1. 12 / 5 – 43/10
45. 17/13 – 11/ 5
46. Multiply :- 1. 4 × 3/7
47. 9× 2/15
48. List three rational numbers between -2 and -3 .
49 .Represent the following rational numbers on the number line :
(a) 4/5 (b) 11/4
50 . Give two rational numbers equivalent to :
(a) 3/4 (b) 6/7
51 . Which is greater in each of the following :
(a) 2/3 or 4/5 (b) 3/4 or 5/6
52. Divide:- 1. 8 / 19 ÷ 3/19
53. 3/8 ÷ 3
54. Simplify:- 1. 5/4 × 2/3 ÷1/6
55. 6/4 ×7 [7/12 – 34/3
56. Prepare a working model on Integers for addition and subtraction .

57. Prepare a PowerPoint presentation on Fractions and its types.

(Atleast 15 slides)

NOTE: - You have to do all the sums in a separate note book.

ENGLISH-

1. **Find 10 words from each chapter you have read during online classes and write their synonyms.**
2. **Draw the flowcharts of the topics- Sentences, Noun and Adjectives .**
3. **Write 2 idioms and phrases from the chapters you have read during the online classes and write them along with the situation of the chapter.**
4. **Imagine yourself as Ravi, the character of the chapter 'The Gift of Chappals' and write a letter to your friend telling him about the help which you have given to the beggar.**
   Or Create a story beginning with the given guidelines- 'Once I saw a beggar in rages with bare feet. A dog was barking at him. I stopped and……..
5. **Describe the qualities of the elephant that you have read in the chapter 'Bringing up Kari'.**

HINDI:-

3-(हिमालय की बेटियां) हिमालय से निकलने वाली प्रमुख नदियों के नाम लिखकर, उन स्थानों का
नाम भी लिखिए जहां- जहां इनका संगम होता है, तथा गंगा तट पर कौन कौन से शहर विद्यमान है।

4- (दादी मां) अपने दादा दादी नाना नानी का चित्र चिपकाकर उनसे जुड़ी कौन-कौन सी बातें आपको
अच्छी लगती है लिखिए।

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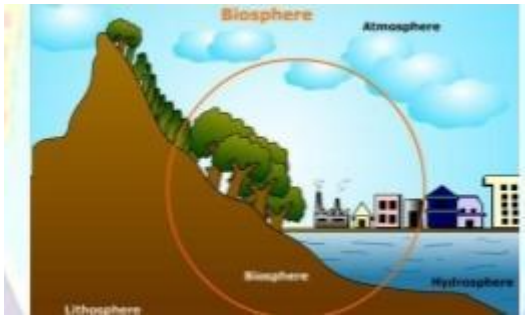
SST-

1. **On the basis of the given picture answer the following questions:**

a) What is a parliament ?
b) Who has written our Indian constitution?
c) Explain few features of the constitution.

2. In the given picture of domains of the environment. Write few features on each of them i.e biosphere, atmosphere ,hydrosphere and lithosphere.



3. Look at the picture and identify the scheme of the government.

a) Which state introduced the scheme for the first time in India.

b) Write two advantages of this scheme.

4.Look at the picture and answer the questions that follows based on the chapter 'Equality in Indian Democracy'

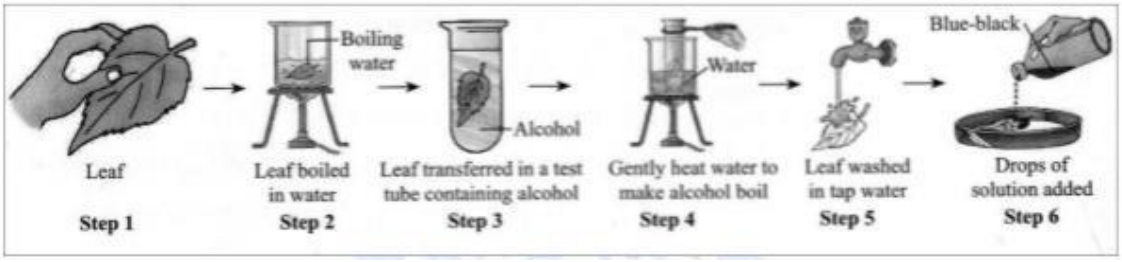
1. What does equality mean to you?

2. **We have read about Rosa parks. Form Indian history, can you think about any great personal, who contributed towards being equality. Paste the pictures also.**

Name:_____. Contribution:_____

SCIENCE-

1. **Observe the experiment and answer the following questions:**



a) What does the above experiment prove?
b) Name the solution used for the test.
c) What is the substance stored by the plants leaf?

2. **Complete the following table based on the kinds of food and the mode of feeding of different animals:**

Animals	Kinds of food	Modes of feeding
1.Ant		
2. Snake (Python)		
3. Mouse		
4. Eagle		
5. Humming bird		
6. Mosquito		
7. Snake		
8. Butterfly		
9. Lice		
10. Housefly		
11. Human infant		

3. **Find the words in the grid with the help of clues given below:**

P	I	S	M	O	H	A	I	R
A	D	L	I	C	H	E	N	P
S	C	O	U	R	I	N	G	O
H	A	P	G	S	S	Q	R	L
M	E	U	C	C	E	A	E	Y
I	G	N	N	U	R	X	E	S
N	L	T	Q	T	I	U	L	T
A	O	I	C	A	C	Z	I	E
F	I	B	R	O	I	N	N	R
M	I	S	V	B	N	P	G	D
A	L	P	A	C	A	O	G	T

Across:

a) name the fibre from angora goat
b) method of cleaning sheared hair
c) protein secreted by the caterpillar
d) a member of the camel family

Down:

e) best quality of wool
f) gum secreted by the caterpillar
g) method to unwind the silk fibre
h) artificial

4. Given below are the silk sarees found in different states in India. Match them.

Column A (Silk Sarees).	Column B (States of India)
1. Bhagalpuri.	Tamil Nadu
2. Kanchivaram.	Varanasi
3. Mushidabad.	Assam
4. Banarasi.	Bihar and West Bengal
5. Munga.	Bihar
6. Tassar.	West Bengal

5. Search for information from the internet and answer the following questions:

a) Name the states of India that produce 90% of mulberry silk.
b) Write about the different types of silk found around the world.

6. Answer the following questions:

a) Name a member of the camel family that produces 22 different colours of wool.
b) Number of silkworms needed to make 1 kg of silk.
c) Disease caused by bacteria in sheep and goat.
d) Scientific name of ship.
e) Before scouring , the sheep's wool contains a type of oil name
f) Lifespan of a ship.
g) Fatal blood disease caused by anthrax.
h) Queen of textile.