St. Vivekanand Lotus Valley Public School

Sec-18 Huda, Jagadhri

Dear Parent

Greetings!!

As schools are shut across the country, every house is a school and every parent is a teacher. So parents have an important role to play during Covid-19 pandemic.

Some suggestions to substitute children's screen time with-

1) Now is the time to get your kids interested in some books. Read with them and strike up a conversation with them.
2) Turn to nature and get them involved in gardening. Let children get creative with take away boxes and empty bottles.
3) Turn them into little chefs. Involve them in menu planning, get them to do some tasks.

So spend these holidays (from 11th June, 2020 to 19th June, 2020) creating a nurturing and stimulating environment filled with fun and frolic.

Guidelines for completing assignments 1 and 2

a) Please complete the assignment tasks in your subject notebook with proper date and heading.
b) Prepare a pdf and submit on the date specified.
c) Revise all the work done till date.

HOLIDAYS HOMEWORK (JUNE 2020-21)
CLASS-VIII

ENGLISH

Assignment 1

Module1 (Reading) Home Assignment 1,2

Module 2 (Writing) Home Assignment 7

Module 5 (Grammar) Home Assignment 26,29

Assignment 2

Module 2 Writing Do page no. 66, 67
Module 5 Grammar Do page no.270,271 ,223

Speaking Activity

1. Students have too much workload Roll no. 1-5
2. Textbooks shouldn't be replace by technology Roll no.6-10
3. Peer pressure will help students to grow Roll no 11-15
4. My most memorable vacation. Roll no. 16-20
5. Family member I admire the most. Roll no.20-25
6. My best birthday ever. Roll no. 26-30

Hindi

1. हिंदी पाठ्य पुस्तक - पाठ 2, 3, 4 की दोहराई

2. हिंदी व्याकरण -   उपसर्ग , प्रत्यय, श्रुतिसमभिन्नार्थक शब्द, पर्यायवाची और विलोम
   शब्द की दोहराई

3. वाचन गतिविधि के विषय - 1.   देशभक्ति (रोल नंबर 1-7 तक)

   2.   मन के हारे हार है मन के जीते जीत(रोल नंबर 8-14तक)

   3.   मोबाइल - लाभ व हानियाँ (रोल नंबर 15-21 तक)

   4.   कोरोना वायरस -बचाव व सावधानियाँ (रोल नंबर 22-28तक)

नोटः उपरोक्त दिए गए विषयो में अपने-अपने रोल नंबर अनुसार भाव भंगिमाओं सहित(With Action) भाषण तैयार कर उसका वीडियो बना कर विषय के अध्यापक/अध्यापिका को भेजे।

Maths

1. Solve the given assignment.
2. complete your notebook & do practice of all the chapter till done.
3. Do the following activity.

   Do a survey of your class and collect the data from all students of your class who spent more than 4 hours in watching T.V represent the collected data in the form of a histogram by paper cutting and pasting

Material Required :- Paper sheet of different colours, scale, fevistick, graph paper , sketch pens , a pair of scissors etc.

Science

1. Complete assignment 1 and 2 as per specified dates in planner.

2. Revise syllabus till done.

3. Write Laboratory instructions on first page of file.

4. Complete the following experiments in your practical file

   - **Experiment No – 1** – To prepare a chart of different agricultural appliances.

   - **Experiment No – 2** – To study various microorganisms from permanent slides and observe their characteristics.

   - **Experiment No – 4** – To study the burning of magnesium ribbon in air and classify it as physical/chemical change.

- **Experiment No – 5** - To study the properties of any two metals (iron and copper)
- **Experiment No – 6** – To prove that heating of coal in the absence of air is called destructive distillation of coal.
- **Experiment No – 10** – To prepare a temporary slide of a plant cell compost and study it under the microscope.

5. Prepare the following charts/working model.

Subject	Roll No.	Pg. No.
i. Reproduction in bacteria by binary fission	1-5	26
ii. Nitrogen Cycle in nature	6-10	37
iii. Stages of binary fission in Amoeba	11-15	94
Stages of Budding in Hydra		
iv. Male reproductive System	16-20	96
v. Female reproductive System	21-25	96
vi. Development of embryo within the uterus	26-28	97

Social Science

1. Learn & Revise Chapter done in Class
2. Solve the assignment sheet
3. Activity- write the preamble of Indian constitution in an attractive way on A4 Sheet Pg-219
4. Map work- Label the types of soil in Political Map of India Pg-135

Computer

1. Complete & Revise Ch-1 (Networking Concepts)
2. Briefly explain various types of network & draw diagrams in notebook.

St. Vivekanand lotus valley public school
Sub-Maths
Class VIII

Assignment 1 (Chapter 1 & 2)

QUESTION NO 1 TO 5 M.C.Q

1) If a is an integer, which of the following is always true.

    (a)$|a| = a$ (b)$|a|$<a   (c)$|a|$>a   (d)none of these

2) Which of the following rational numbers lies between -1/4 and ¼?

    (a)-1/5   (b)-2/5   (c)-1/3   (d) none of these

3) If 2x+3=x-1/2, then the value of x is

    (a)3/2   (b)7/2   (c)-7/2   (d) 8/7

4) Solve 5x-2(2x-7)=2(3x-1)+7/2

    (a)x=5/2   (b)x=2/5   (c)x=-5/2   (d) x=6/7

5) Write the additive inverse of -5/8

    (a)5/8   (b)-15/8   (c) 8/5   (d)-8/5

6) Evaluate $\left(\frac{2}{11} * -22/15\right) + \left(-\frac{1}{6} * 3/4\right) + \left(-\frac{1}{21} * -3/5\right)$

7) Subtract the sum of -4/5 and ¼ from 1

8) The product of two rational numbers is -15/28. If one of them is -18/7, find other.

9) Verify that – (-x) is the same as x for   X=-21/31

10) Represent -2/9 , -5/9 , -7/9 on the number line.

11) The sum of three consecutive even numbers is 30. Find the numbers.

12) The digits of a two-digit number differ by 3. if the digits are interchanged and the resulting number is added to the original number, we get 143. What can be the original numbers?

13) Simplify   3(5z-8)-3(3z-12)=5(8z-14)-18

14) Present age of Anu and Raj are in the ratio 4:5.eight years from now the ratio of their ages will be 5:6. Find their present ages.

15) The sum of four consecutive multiples of 7 is 70. Find the multiples.

16) The measure of the angles of a triangle are in the ratio 1:2:3 find the angles.

17) Divyanshi has a total of Rs 590 as currency notes in the denomination of Rs 50, Rs 20 and Rs 10. The ratio of number of Rs 50 notes and Rs 20 notes is 3:5 if she has a total of 25 notes. How many notes of each denomination she has?

18) Solve 5x+7/2=3x/2-14

19) Arjun is twice as old as shreya. Five years ago his age was three times shreya's age. Find their present ages.

20) Solve 8y+4/y+3=-6/3

Assignment 2 chapter (5,6 ,12)

QUESTION NO 1 TO 5 M.C.Q

1)The square root of 37.21

     (a) 6.9   (b) 5.9   (c) 6.1   (d)5.1

2) Find the square of 32

     (a) 1024   (b) 1028   (c)1048   (d)1085

3) What will be the unit digit of the squares of the number 26387 is

     (a) 9   (b) 7   (c) 3   (d) 2

4) Evaluate $3° * 4° * 12°$

     (a) 1   (b) 0   (c) 48   (d) 64

5) Evaluate 6^{-2}

     (a)1/36   (b) 1/37   (c) 1/4   (d) zero

6) Find the least number which must be added to 92700 to make it a perfect square.

7) Find the least number which must be subtracted from 194491 to make it a over factor square.

8) By division method find the square root of 3364

9) Find the square root of 11025

10) Find the least number that must be subtracted from 5607 so as to get a perfect square. Also find the square root of the perfect square.

11) Express 4^{-3} as power with the base 2

12) Find m so that $-3^{m+1} \times -3^5 = -3^7$

13) Calculate the value of $2^4 \times 2^8$

14) Write 3456.234 in expanded form.

15) Expand 1026.13 using exponents.

16) Express 7.54×10^{-4} in usual form.

17) Write 324,000,000 in standard form.

18) Simplify $\frac{25 \times a^{-4}}{5^{-3} \times 10 \times a^{-8}}$ where a≠0

19) Simplify 5^4

20) A bag contains 5 red balls, 8 white balls, 4 green balls and 7 black balls. If one ball is drawn at random. Find the probability that is   (a) black ball   (b) red ball   (c) not green ball

21) The height of 10 girls were measured in cm and the result were as follows:

143, 148, 135, 128, 139, 149, 146, 151, 132,150

(i)What is the height of the tallest girl?

(ii) What is the height of the shortest girl?

(iii) Find the mean height.

(iv) what is the range of the data.

22) Draw a pie chart of the data given below

The time spent by a child during a day.

Sleep – 8 hours

School – 8 hours

Homework – 4 hours

Play – 4 hours

Others - 2 hours

23) Make a discrete frequency distribution table for the given ages of 25 students of class VIII

15,16,16,14,17,17,16,15,15,16,16,17,15,16,16,14,16,15,14,15,16,16,15,14,15

24) In an experiment of tossing a coin once, what is the probability of getting a head?

25) The following data give the pocket expenses of 100 students of a school.

Prepare a grouped frequency distribution of class intervals of equal width, taking one of the class intervals as 30-40

Weekly pocket expenses(in Rs)	30	35	45	50	55	60	65
No. of students	6	10	14	22	35	9	4

Science Assignment - 1

1. Microorganisms that occur in the intensive of man and other animals are called _____.

   a) Aerobic bacteria   c) Commensal bacteria

   b) Anaerobic bacteria   d) Endosporic bacteria

2. Who gave the famous "Germ theory of Disease"?

   a) Robert Koch   c) Louis Pasteur

   d) Anton Von Leeuwenhock   d) Robert Hooke

3. Which of the following alga is used as food in China and Japan?

   a) *Volvox*   c) *Porphyra*

   b) *Gelidium*   d) *Ulothrix*

4. When sodium reacted with water, the bubbles of a gas being formed are of _____ gas.

   a) Sulphur dioxide   c) Hydrogen gas

   b) Oxygen   d) Chlorine gas

5. _____ is used for water purification.

   a) Iodine   c) Chlorine

   b) Nitrogen   d) Carbon

6. Which of the following is best conductor of electricity?

   a) Iodine   c) Silver

   b) Diamond   d) Aluminium

7. Out of the following which is less reactive metal?

   a) Copper   c) Zinc

   b) Aluminium   d) Iron

8. Which of the following is the denitrifying bacterium?

   a) *Nitrosomonas*   c) *Rhizobium*

   b) *Nitrobacter*   d) *Pseudomonas*

9. The temperature condition for pasteurisation for heating milk for 15 second is _____

   a) 62 ^{0}c   c) 37^{0}c

   b) 70 ^{0}c   d) 18^{0}c

10. The process of conversion of ammonia and ammonium salts into nitrates is called_____.

    a) nitrogen assimilation   c) Nitrogen fixation

    b) Denitrification   d) Ammonification

11. _____ is region in bacterial cell where chromosome lies naked.

12. Metals and non-metals are made up of very tiny particles called _____.

13. _____ is a protein produced by lymphocyte to fight a antigen.

14. Excessive growth of algae is ponds, laks or water reservoirs is called _____.

15. The process in which bacteria destroy the stem tissues and loosen the fibres is called as _____.

16. Mercury is the only metal which is liquid at room temperature. (True/False)

17. Female Aedes mosquito acts a carrier of malarial parasite that causes malaria. (True / False)

18. CFL's stands for compact fluorescent light. (True/False)

19. Botulism is a type of food poisoning. (True/False)

20. _____ are connecting link between non-living and living things.

Science Assignment - 2

1. The slow conversion of dead trees and other plants into coal is called _____.

2. The heating of coal in the absence of air is called _____.

3. _____ is a naturally occurring liquid.

4. The _____ is made up of seven colours.

5. An octopus has a _____ pupil in its eye.

6. _____ are light sensitive cells.

7. Braille is a font made up of a set of six dots, raised from the surface of paper. (True / False)

8. Pupil is the part of eye that behaves as the screen. (True / False)

9. Coal is a solid fuel formed by heating coal in absence of air. (True / False)

10. Nitrogen dioxide is the main green house gas. (True / False)

11. The angle of incidence is always equals to the angle of _____.

12. A giant squid has its eyes with a diameter of _____ .

13. The scientific name of the blind spot is _____ and its biological name is _____.

14. What is accommodation of ciliary muscles?

15. What is dispersion?

16. What are the functions of iris and pupil and Ciliary muscles?

17. Write a short note on coke?

18. What happens if coal is heated in the absence of air?

19. Difference between exhaustible and inexhaustible natural resources.

20. Briefly explain refining of petroleum?

ASSIGNMENT-1

Geography Ch-2 and 3

1. Raised tablelands are called_____

(a) Mountains   (   )

(b) Plateaus   (   )

(c) Plains   (   )

2. The factors that contribute to the formation of soil are_____

(a)Terrace farming   (   )

(b) Parent rock material   (   )

(c) Relief features   (   )

(d) All of these   (   )

3. The cultivation of different crops on the same piece of land each year during different times is called ____

(a) Terrace Farming   (   )

(b)Contour ploughing   (   )

(c) Crop rotation   (   )

4. Temperate Deciduous Forests are located in the _____

(a)Cool Temperate Regions   (   )

(b) Hot regions   (   )

5.The vegetation found in Tundra vegetation are _____

(a) Lichens   (   )

(b)masses   (   )

(c)sedges   (   )

(d)all of these   (   )

6.   The removal of forests by cutting trees is known as _____.

7.   Tropical evergreen forests are found in the region of excessive _____.

8.   High altitude regions on the surface of the Earth are called _____.

9.   Land use depends upon different physical,_____ and human factors.

10.   The thin layer of _____ substance covering the surface of the Earth is called _____.

11.   How much of the total surface area of the Earth is covered by land?

12. Define Landslide.

13. Why the Earth is called watery planet?

14. Name the different types of soil in India.

15. Define Natural vegetation.

16. What are the greatest natural resources on the Earth?

17. Define wildlife.

18. List the major temperate grasslands.

19. Define biome.

20. List the trees found in temperate evergreen forests.

ST.VIVEKANAND LOTUS VALLEY PUBLIC SCHOOL

SOCIAL SCIENCE

CLASS VIII

ASSIGNMENT-2

Civics-Ch-1 and 2

1.Constitution defines the basic nature of our_____
(a) Society   (   )
(b) country   (   )
(c) state   (   )
2. Indian constitution was approved on _____
(a) 26 Nov 1949   (   )
(b) 15 Aug 1948   (   )
(c) 26 Jan 1950   (   )
3.In 1982,the ASIAD Games were held in _____
(a) Delhi   (   )
(b) Mumbai   (   )
(c) Chennai   (   )
4. An example of religious intolerance _____
(a) Holocaust   (   )
(b) Christian crusades   (   )
(c) Both (a) and (b)   (   )
5.Indian state does not support any _____
(a) religion   (   )
(b) citizen   (   )
(c) festival   (   )

6. All citizens from any social background can directly participate in the functioning of the _____.
7. The constitution of _____does not allow either the state or religion to intervene in each other's matter.
8. A written document that contains the rules and regulations by which a country is governed is called _____.
9. The Indian Constitution came in to effect on _____.
10. By giving equal importance to all religions, our constitution promotes _____between different religious groups.
11. Which approach is adopted by the Indian state to promote the idea of secularism?
12. How many members met regularly to draft the constitution of India?
13. Who was the chairman of the drafting committee or father of the Indian constitution?
14. Define secularism.
15. List three organs of the state.
16. List three fundamental rights included in the constitution.
17. In which year, Sarika Watkins Singh was barred from attending school for breaking its ' No jewellery rule'?
18. How can the Indian state promotes the idea of secularism ?
19. What is the policy of non-interference?
20. List the salient features of the Indian constitution.