Delhi Public School Gwalior

(Under the aegis of DPS Society, New Delhi)

Holiday Homework

Session 2020–21

Class-VI

SUBJECT – ENGLISH

Dear Children,

Holidays are the best time to know yourself. Though you all were kept busy with the online classes so now it's the time for your vacations, off from your online classes and do the things of your choice. Let's gear up to do something innovative and creative in these holidays and bring out the best in you.

This time the assignments are designed in a way that they can be completed by you independently. However, you can take help from your parents by asking them to set and maintain a daily home assignment time, providing the necessary supplies and providing praise, support and assistance when necessary. Here are few things which if you practice along with your holiday homework, will help you stay connected to your roots:

❖ <u>Try out as many new cuisines as you can</u>: All foodies are going to love this point and be in complete agreement, rather than caring about calories and fats, vacations are a great time to throw caution to the wind and try out as many new cuisines as you like.

❖ <u>Try out a new fitness regime</u>: Exercise daily and keep yourself fit and healthy.

❖ <u>Unveil the artist in you</u>: Create a new story, try a new recipe with your mom. Learn a new song, play a new instrument.

❖ <u>Good manners is the key</u>: Respect your parents, grandparents and all elders. Use three magical words (Sorry, Please, Thank you) often. Reduce the Mobile Phone and TV time and increase the time you spend with your family, spend moments together…create memories.

❖ <u>Save nature</u>: Contribute to save our previous environment. Minimize the wastage of resources like water, fuel and electricity.

Class Teacher

1 Spellings, overall presentation, completion of all the given questions and timely submission.

2. The written part should be neatly presented in your own handwriting.

3. Remember a well presented 'Holiday Home Work' fetches you marks and appreciation of your teachers and classmates.

Do all the given homework yourself, DO NOT take help of your parents or elder siblings. It is OK if it looks raw or unfinished, you are not a professional, you are in process of learning. We your teachers are aware of it and appreciate it!

A. **'Reading is dreaming with open eyes.' Read Chapter-2 'Tom Paints the Fence'from your course book and write the review of the story in the story map template given below. Share your joy of reading with your language teachers and classmates after the holidays. Refer to the Story Map provided.**

B. **21st June is "Father's Day". Make it special for your father as very little effort is required to your dad smile and surprise him in a thoughtful manner. There are so many ways in which you can make him feel special like,**

   ❖ bake a cake for your father
   ❖ make your father's favorite meal
   ❖ make a beautiful card for himetc.

   Design a poster on the topic 'World's most loving parents' by pasting your pictures and writing wonderful quotes for them.

C. **Design Your Own Homework.**

   Do any creative or fun-filled activity of your choice like dancing, singing, gardening, cooking, sketching, painting etc. You can record audios, videos and click pictures and share the same with your concerned educator. 'Be creative and innovative'.

Basic Story Map

Name:_____

Title:

Author:

Characters:

Setting:

Beginning:

Middle:

End:

बच्चों इस बार का ग्रीष्मावकाश हर वर्ष की तरह आया तो है पर एक अलग रूप में। हर बार जहाँ बाहर घूमने की योजना बनाने व तैयारी करने आदि का उत्साह होता था वहीं इस बार पूरी मुस्तैदी से स्वयं को व अपने परिवार को घर में सुरक्षित रखना पहली जरूरत हो गई है।

पहला सुख निरोगी काया
सारा विश्व कोरोना के खिलाफ जंग लड़ रहा है हम भी इसमें योगदान करते हुए घर पर रहें व अपना समय सकारात्मक कार्यों में उत्साह पूर्वक बिताएँ । मई –जून माह में आपको कुछ कार्य पूर्ण करने हैं जो इस प्रकार हैं–

ग्रीष्मकालीन अवकाश गृह कार्य हेतु सामान्य निर्देश –
1.   आपके पास जो भी उत्तर पुस्तिका उपलब्ध हो , उस पर लिखित कार्य पूर्ण करें।

2.   लिखित कार्य की जाँच आपकी रचनात्मकता ,स्वच्छता, व्याकरणिक आधार प्रस्तुतीकरण , विषय वस्तु आदि पर आधारित होगी व उसी के अनुसार आपको अंक प्राप्त होंगे।

कार्य विवरण –
1.   माँ के साथ कोई नया व स्वादिष्ट व्यंजन बनाइए तथा उसकी विधि उपलब्ध कागज पर लिखिए।

2.   रसोई घर मे उपलब्ध वे मसाले जो हमारे शरीर की रोग प्रतिरोधक क्षमता को बढ़ाने में सहायक हैं उनके विषय में पूर्ण जानकारी व विभिन्न प्रयोग के विषय में माँ से चर्चा कीजिए।

3.   10 मई मदर्स डे अथवा मातृ दिवस के उपलक्ष में माँ के हर कार्य में उनकी मदद करें माँ के लिए स्वरचित कविता लिखिए।

4.   Quarantine (दूसरों से कुछ समय के लिए अलग रहना) में प्राप्त किए हुए अनुभवों का वर्णन करते हुए किसी एक घटना का विस्तार से वर्णन कीजिए। 80 से 100 शब्दों में लिखिए।

अथवा

Quarantine (दूसरों से कुछ समय के लिए अलग रहना) के समय पक्षियों की स्वतंत्र उड़ान एवं स्वयं की सीमित स्वतंत्रता की तुलना करते हुए कल्पना कीजिये व लिखिए कि वे आपके लिए क्या अनुभव करते होंगे ? 80 से 100 शब्दों में लिखिए।

SUBJECT - MATHEMATICS

General Instructions:
1) **Solve the sums in a separate notebook or any diary.**
   * Use the stuff which is available at home.
2) **Revise the tables from 2 to 20 every day.**

Choose the correct answer

Q.1   10 lakh = _____ million
(a) 1 million   (b) 10 million   (c) 100 million   (d) 1000 million

Q.2   CXXV written in Hindu-Arabic numeral is
(a) 25   (b) 125   (c) 135   (d) 115

Q.3   Which is the greatest digit among these?
6895 , 23737 , 24569 , 24657
(a) 24657   (b) 23737   (c) 6895   (d) 24569

Q.4   1 km = _____ m
(a) 10   (b) 100   (c) 1000   (d) 10,000

Q.5   The greatest four digit number using 3, 0, 9, 1 without repetition is
(a) 9301   (b) 9311   (c) 9103   (d) 9310

Q.6   2507324 ☐ 2501745
(a) <   (b) >   (c) =   (d) none of these

Q.7   What is 100000 – 1 ?
(a) 9   (b) 99   (c) 9999   (d) 99999

Q.8   Which of the following is the Roman Numeral for 69?
(a) LXXI   (b) LXIX   (c) CXIX   (d) CXXI

Q.9   Which is smallest digit among these?
(a) 4567   (b) 1456   (c) 4345   (d) 1234

Q.10   Write the next natural number after 10999
(a) 11000   (b) 10100   (c) 10010   (d) 11001

Q.11   What is the additive identity of whole numbers?
(a) 1   (b) 0   (c) – 1   (d) 10

Q.12   49 x 50 = 50 x 49 is an example for –
(a) associative property   (b) closure property
(c) commutative property   (d) distributive property

Q.13   Whole numbers are closed (closure property) under –
(a) Addition and Multiplication   (b) Subtraction
(c) Division   (d) Subtraction and Division

Q.14   Division of a whole number by _____ is not defined
       (a) 0   (b) 1   (c) -1   (d) 10

Q.15   Which of the following will not represent zero?
       (a) 0+1   (b) 0x0   (c) 0/2   (d) 0x1

Q.16   What is the successor of 1099999?
       (a) 100001   (b) 1100000   (c) 1099998   (d) 999999

Q.17   What is the predecessor of 208090?
       (a) 208089   (b) 208091   (c) 218090   (d) 198090

Q.18   What is the value of 81265 x 169 – 81265 x69
       (a) 265000   (b) 0   (c) 8126500   (d) 8026500

Q.19   What are the two consecutive numbers after 5009?
       (a) 5010 , 5020   (b) 50010 , 50011   (c) 5010 , 5011   (d) 5010 , 5012

Q.20   Find the product : (98 + 141) x 0
       (a) 112   (b) 1   (c) 0   (d) 0 + 98 + 14

Reasoning Questions

Q.21   Which letter is exactly midway between G and Q in alphabet?
       (a) K   (b) L   (c) M   (d) N

Q.22   A woman introduces a man as the son of the brother of her mother. How is the man, related
       to the woman?
       (a) Nephew   (b) Son   (c) Cousin   (d) Uncle to Grandson

Q.23   Which number will replace the question mark in the following?
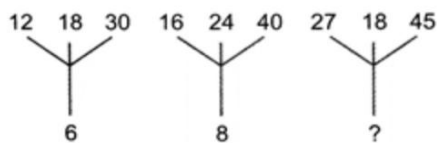
       (a) 18   (b) 12   (c) 9   (d)   6

Q.24   In a certain code, MONKEY is written as XDJMNL. How is TIGER written in that code ?
       (a) SHFDQ   (b) HFDSQ   (c) RSAFD   (d) QDFHS

Q.25   If 10 x 2 means 5, 10 ÷ 4 means 14,10 + 4 means 6 and 10 – 4 means 40 then10 x 5 ÷ 4+ 3 - 2
       = ?
       (a) 4   (b) 0   (c) 15   (d) 2

Q.26   If ROSE is coded as 6821, CHAIR is coded as 73456 and PREACH is coded as 961 473,
       what will be the code for SEARCH?
        (a) 246173   (b) 214673   (c) 214763   (d) 216473

Q.27 Which number will replace the question mark in the following?

(a) 40   (b) 38   (c) 44   (d) 39

Q.28 If '+' mean '-', '-' Means 'x', 'x' means '÷' and '÷' means '+', then
2 ÷ 6 x 6 ÷ 2 = ?

(a) 1   (b) 0   (c) 5   (d) 6

Q.29 In a certain code language, '134' means 'good and tasty'; '478' means 'see good pictures' and '729' means 'pictures are faint'. Which of the following digits stands for 'see'?
(a) 9   (b) 2   (c) 1   (d) 8

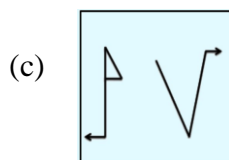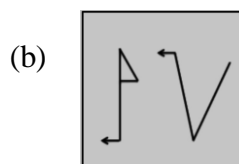Q.30 Find out from the options which is the mirror-image of the Fig. (X), if mirror is placed along MR.
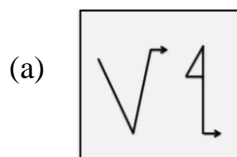

Fig. (X)

(a)

(b)

(c)

(d)
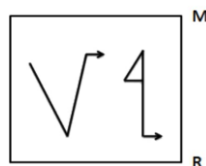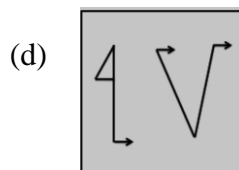
Fill in the blanks

Q.31 The greatest number of 6 digits using 9, 1, 0, 8 is _____.

Q.32 Sum of X and L in numerals is _____.

Q.33 1 Crore = _____ lakh.

Q.34 The sum of 567 and 843 is _____.

Q.35 There are _____ natural numbers up to 80.

Q.36 _____ is the multiplicative identity of whole numbers.

Q.37 There are _____ whole numbers up to 75.

Q.38 _____ is the only whole numbers which when divided by itself gives a quotient equal to itself.

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Q.39   896 x 9 + 896 x 1 = _____.

Q.40   3845 x _____ = 0

True or False

Q.41   1 thousand = 10 hundred

Q.42   Standard unit of mass is centimetre.

Q.43   You use estimate on to get rough idea.

Q.44   Every natural number is a whole number.

Q.45   1 is the least whole number.

Q.46   0 is the greatest whole number.

Q.47   Every whole number is a natural number.

Q.48   In Roman number V, L and D are never subtracted.

Q.49   The difference in the face value and place value of 5 in 85419 is 85414.

Q.50   4544 ÷ 0 = 4544

Match the following

Q.51	Estimation	(a)	International system
Q.52	Billion, Million	(b)	9030
Q.53	Crore	(c)	Rough Calculation
Q.54	Nine thousand thirty	(d)	Indian System
Q.55	XLIX	(e)	Closure property for multiplication
Q.56	(a x b) is a whole number	(f)	Commutativity of addition
Q.57	a + b = b + a	(g)	49
Q.58	a x b = b x a	(h)	Associativity of multiplication
Q.59	(a x b) x c = a x (b x c)	(i)	Commutativity of multiplication
Q.60	a x (b – c) = (a x b) – (a x c)	(j)	Distributive property of multiplication over subtraction

Solve the following

Q.61   Write the following in expanded form
(i) 3,08,927   (ii) 32,03,708   (iii) 5,05,05,005

Q.62   Insert commas and write the names according to Indian System of Numeration.
(i) 99900053   (ii) 89423107   (iii) 55783555

Q.63   Insert commas and write the names according to International System of Numeration.
(i) 90909900   (ii) 6180502   (iii) 30509123

Q.64   Estimate the sum (21397 + 27807 + 42505) to the nearest thousand.

Q.65   Estimate the difference (673 – 258) to the nearest hundred.

Q.66   Estimate the product 367 x 231 by rounding off each number to the nearest hundred.

Q.67   Write the Roman numeral for the following:
(i) 86   (ii) 99   (iii)   145   (iv) 406   (v) 519

Q.68   Write the Hindu Arabic numeral for the following:
(i) CCLXII   (ii) LXXIV   (iii) CXCIX   (iv) DCCXLI   (v) CDXXXV

Q.69   Determine the sum given below using suitable rearrangement:
(i)   847 + 306 + 453
(ii)   1852 + 653 + 1648 + 547
(iii)   1 + 2 + 3 + 4 + 96 + 97 + 98 + 99

Q.70   Complete the magic square by supplying the missing numbers. (**Hint :** The sum of the numbers in each row, in each column and along the diagonals is the same.)

	9	2
	5	
8		

Q.71   Replace each * by the correct digit

```
      8   3   7
 -    *   5   *
    _____
      5   *   8
```

Q.72   Find each of the following products, using distributive laws:
(i) 245 x 1008   (ii) 945 x 96

Q.73   Find the value of each of the following using properties.
(i)   9478 x 94 + 9478 x 6
(ii)   18725 x 1825 – 18725 x 825

Q.74   The mass of each gas cylinder is 16 kg 250 g. What is the total mass of 18 such cylinders?

Q.75   1 dozen bananas cost ₹29. How many dozens can be purchased for ₹1392?

Q.76   Find the product of the largest 3-digit number and the largest 5-digit number.

[Hint : 999 x 99999 = 999 x (100000 – 1) use distributive law].

Q.77   Population of Agra and Aligarh districts in the year 2001 was 36,20,436 and 29,92,286, respectively. What was the total population of the two districts in that year?

Q.78   In one state, the number of bicycles sold in the year 2002-2003 was 7,43,000. In the year 2003-2004, the number of bicycles sold was 8,00,1 00. In which year were more bicycles sold? and how many more?

Q.79   The town newspaper is published every day. One copy has 15 pages. Everyday 15,800 copies are printed. How many total pages are printed everyday?

Q.80   The number of sheets of paper available for making notebooks is 75,000. Each sheet makes 8 pages of a notebook. Each notebook contains 200 pages. How many notebooks can be made from the paper available?

SUBJECT - SCIENCE

THINK AND CREATE

Choose any two projects out of three to attempt.

A)   **Prepare a report on types of motion observed in day to day life along with the relevant pictures / drawings. (Rectilinear, Circulatory, Translatory, Rotatory, Curvilinear, Oscillatory)**
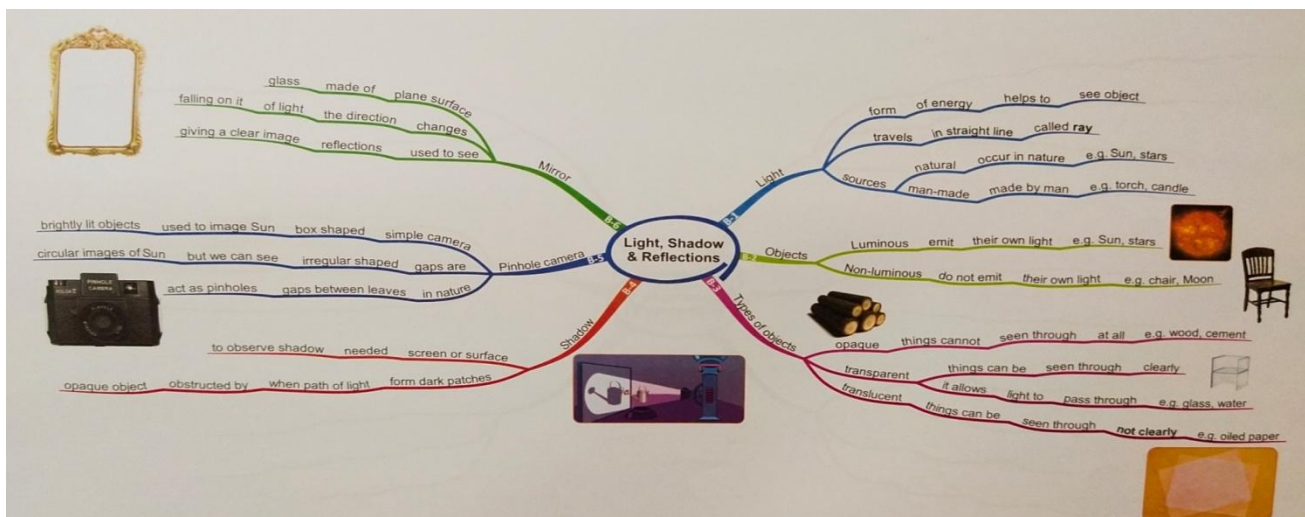
POINTS TO BE NOTED

- Define each type of motion and illustrate with an example.
- Report should not exceed more than 4-5 pages.
- Mandatory to attach cover page with your name, class and section mentioned on it.
- Use available stationery at home for presenting the report.

B) **Students, I am curious to share MIND MAP with you which will help you to learn the chapter in a short while.**

**Observe the sample and try to create mind map of Chapter 1 - Food: Where does it come from?**

Points to be noted

* Has to be handwritten on the available sheet at home.
* Mandatory to draw relevant pictures wherever required.
* Must to mention your name, class and section on the project.
* Use sharp pointed pencil or black gel pen to draw base lines and to write text.

**C)** **Books are our best companions because they inspire us to do great things in life and overcome our failures.**
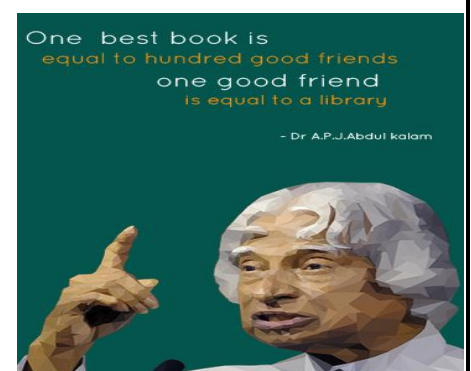
Children we are sharing a link with you. Enjoy the lockdown period by downloading the book – **'WOMEN SCIENTISTS IN INDIA'** written by Anjana Chattopadhyay

Write the names of any five Indian women scientists mentioned in the book and jot down their contributions in the field of science.
LINK-https://nbtindia.gov.in/NBT_FreeeBook4.aspx
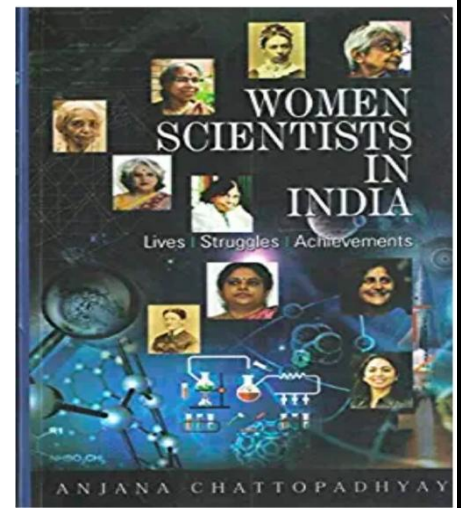
POINTS TO BE NOTED
*   Has to be handwritten on the available sheet at home.
*   Must to mention your name, class and section on the project.

SUBJECT - SOCIAL SCIENCE

Dear students, *It's time to have a good time together during this holiday.*
Keeping in mind:
H - Hand sanitizing
O - Offer help to each other
L - Love your family
I - Inside the home
D - Don't go out
A - Avoid crowd
Y - Your awareness is a prevention

Here is your assignment, through which you can keep your energies well directed and spend quality time with your family. ***And the most important thing, don't forget to take care of your health and hygiene during this pandemic.***

Let us all make a new concept of **COVID**. Let's try to be:
C - **Creative**
O - **Optimistic**
V - **Valiant**
I - **Inventive**
D - **Dexterous**
during this summer vacations.

GENERAL INSTRUCTIONS:
● Credit will be awarded to original drawings and creative use of material available at home.
● The project needs to be developed and presented in this order. (all the pages should be handmade)
  1. Cover page showing project title, student information, school and Academic year.
  2. List of contents with page numbers.
  3. The last page should have Bibliography/ links from where you have collected your information.
  4. The project should have maximum word limit of 200 words.
  5. Try to use readily at home available materials.

Details of the projects

● **Make a list of all objects that archaeologists may find. Which of these could be made of stone?**

OR

● **Draw the diagram of solar system with the material available at home.**

OR

● **Pen down the states and Union territories along with their capitals.**

Note : Kindly submit all subjects' holiday homework (within 15 days) of the reopening of school.

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