



MAHARSHI PATANJALI VIDYA MANDIR
SESSION 2020-21
HOLIDAY HOMEWORK
CLASS 8th

ENGLISH

1. **Prepare a video**, reciting a poem (ANY ONE) from the list given below:

- Macavity, the Mystery Cat
- Nine Gold Medals
- After Blenheim
- Off to Space Tomorrow Morning

Note:

1. The video should not be more than of two minutes.
 2. You will be assessed on expression, pronunciation, intonation and body language.
 3. You will be asked to submit the video after the summer break.
2. From Grammar book – Learn the synonyms, antonyms & idioms from the book and do the exercises of the Chapters 20, 21, 22, 23 & 24.

HINDI

1. कक्षा में पढ़ाए गए समस्त पाठों एवं व्याकरण भाग की आवृत्ति
2. पृथायवाची-अमृत से गंगा तक (page no.40)
3. विलोम- Gyan से आकाश तक (1 से 20)
4. वाक्यांश के लिये एक शब्द—(1 से 20) page no.43,44
5. मुहावरे-(1 से 30)
1. -अनुच्छेद लिखिए- कोरोना काल में घर में रहते हुए अपने माता-पिता की आपने किस प्रकार मदद की।
2. गंगा के उद्गम स्थल गोमुख से लेकर गंगासागर की यात्रा के बीच पड़ने वाले मुख्य शहरों को मानचित्र पर दिखाइये।

MATHEMATICS

1. Practice solved examples of the following Chapters 1, 2, 3, 12 and 13 in your practice copies.
2. Do Chapter Assessment of Chapter 3 Squares and Square root.

3. To make a rhombus and a kite using paper folding and cutting method. Do this Maths Activity in your CW copy.
4. Do this worksheet in your CW copies.

WORKSHEET 1

Short Answer Type Questions:

1. What are the multiplicative and additive identities of rational numbers?
2. Write the additive inverse of $19/-6$ and $-3/5$
3. Write the multiplicative inverse of $-13/19$ and -7
4. Mention a rational number which has no reciprocal.
5. Mention any 4 rational numbers which are less than 5.

Long Answer Type Questions:

6. Mention the commutativity, associative and distributive properties of rational numbers. Also, check $a \times b = b \times a$ and $a + b = b + a$ for $a = \frac{1}{2}$ and $b = \frac{3}{4}$
7. Write any 5 rational numbers between $-2/5$ and $\frac{1}{2}$.
8. If the product of any two rational numbers is 2 and one of them is $1/7$, find the other?
9. Mr X went shopping with a certain amount of money. He spent Rs. $10\frac{1}{4}$ on buying a pen and Rs. $25\frac{3}{4}$ in food. He then gave the remaining Rs. $16\frac{1}{2}$ to his friend. Calculate how much money he initially had.
10. Represent $-2/11$, $-5/11$, and $-9/11$ on the number line.

WORKSHEET 2

Q.1: A quadrilateral has three acute angles, each measure 80° . What is the measure of the fourth angle?

Q.2: In a quadrilateral ABCD, the measure of the three angles A, B and C of the quadrilateral is 110° , 70° and 80° , respectively. Find the measure of the fourth angle..

Q.3: In a quadrilateral ABCD, $\angle D$ is equal to 150° and $\angle A = \angle B = \angle C$. Find $\angle A$, $\angle B$ and $\angle C$.

Q.4: The angles of a quadrilateral are in the ratio of 1:2:3:4. What is the measure of the four angles?

Q. 5: In quadrilaterals,

(i) which of them have their diagonals bisecting each other?

(ii) which of them have their diagonal perpendicular to each other?

(iii) which of them have equal diagonals?

Q. 6: Find the smallest whole number by which 2800 should be divided so as to get a perfect square.

Q. 7: 2025 plants are to be planted in a garden in such a way that each row contains as many plants as the number of rows. Find the number of rows and the number of plants in each row.

Q.8: Find the smallest square number that is divisible by each of the numbers 8, 15 and 20.

Q.9: Find the square root of 7921 using long division method.

Q. 10: Find the square root of 42.25 using long division method.

Q. 11: Find the least number which must be added to 1750 so as to get a perfect square. Also, find the square root of the obtained number.

Q.12: Find the length of the side of a square whose area is 441 m^2 .

BIOLOGY/CHEMISTRY

1. Read chapter 1,2,3. Learn Knowledge desk & new words of these chapters.
2. Learn Question /Answers and exercises of the chapter 1,2,3.
3. File presentation on: Corona Virus Disease 19 **COVID 19** : Introduction ,causes, prevention, symptoms ,current situation in India ,role of Government to control the disease.(draw or paste the colourful pictures)
4. Write the answers of the questions given below in a thin copy.(Make a thin copy from pages of previous year's copy)

Q1.Why is excess irrigation harmful for the crops?

Q2. Why do we need to irrigate fields before sowing the seeds?

Q3. Why sowing seed with seed drill is better than broadcasting?

Q4. Write short note on crop damage caused by swarm of locust and how to prevent it?

Q5. Explain the process of pasteurization in brief.

Q 6. Write short note on contribution of Lewis Pasteur in the field of science.

Q7. What are antibiotics? What precaution should be taken while taking antibiotics?

Q8. Draw a diagram to show

a) linear arrangements of units in plastic.

b) Cross link arrangement of units in plastic.

Q9. Plastics are hazard to environment. Explain this statement.

Q10. Have you heard about the campaign **SAY NO TO PLASTIC**. Frame some more slogans of this kind.

Write in colorful and decorative way.(at least 5)

PHYSICS

1. Learn the question and answers of Ch-11 Force and Pressure.
2. Perform the activity 9 and 10 of ch11 and note down the aim, materials required, procedure and conclusion in the physics notebook.
3. Do the question type C, D and E of friction in the notebook.

HISTORY/CIVICS

1. History: learn chapter 1,2
2. Civics: learn chapter 1,2
3. Complete your work in the notebook.
4. **Activity-** What are the directive principles of state policy? How are they different from Fundamental Rights? List the Directive Principles mentioned in the Constitution of India.

GEOGRAPHY

Read Ls. 1,2 & 3. Learn the question /answers of Ls. 1 & 2 and practice the diagrams given in these two lessons. Practice the maps given in Ls. 2 & 3.

SANSKRIT

पुस्तक - सस्कृत मित्रम् & 3

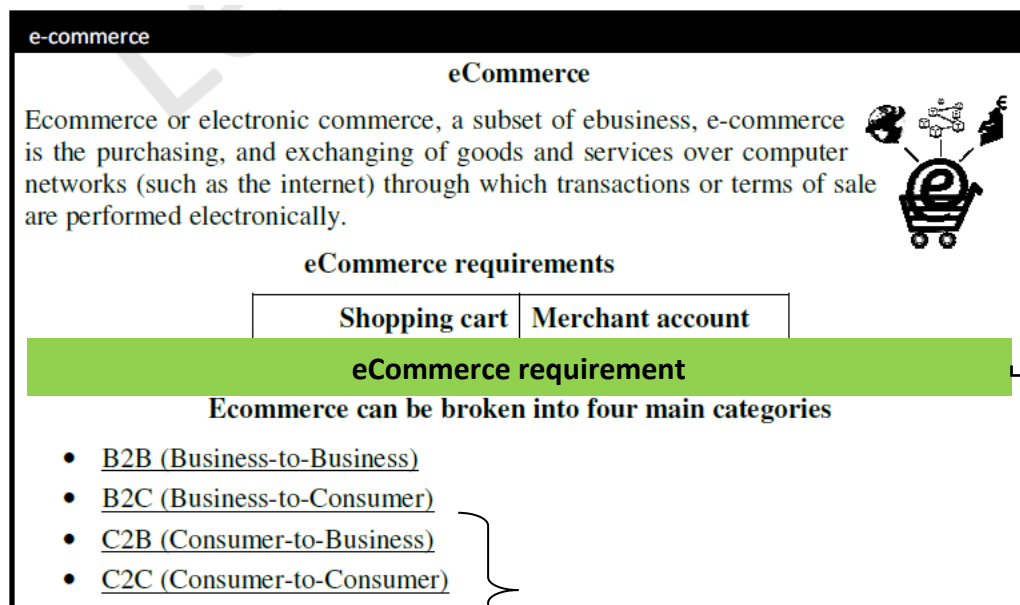
पठित पाठों के शब्दार्थ, पाठानुवाद एवं पाठ के अन्तर्गत आये सभी अभ्यास कार्य एवं व्याकरणात्मक कार्य आपको याद करने हैं। 1st unit test में पूछे जाने वाले

L-1,2,3 एवं शब्द रूप-मुनि, धातु रूप कृ को (सभी लकारों में) याद करने हैं तथा इन रूपों को कॉपी में भी लिखना है। वन्दना याद करनी है तथा L-1 से L-6 तक कॉपी में करना है।

COMPUTER

Note: All the work you have to complete in your Practical Copy/ File paper

1. Write a short note on HTML, HTML Elements & HTML Attributes.
2. Describe the basic structure of a HTML.
3. Draw the diagram of different types of Network and explain each.
4. Write a HTML program for the following web pages according to the instructions given below:



A.

This is Marquee

This is Underline not a Hyperlink

Note:

- Title of the page is e-commerce.
- Background Color of webpage is aqua.
- Font size=5, font name is Times New Roman and font color is green.
- Table border=3 and border color is red.
- Image name is business.jpg.
- Marquee Background color is green, speed is 40 and behavior is alternate.

B. Write a HTML code create this table

STUDENTS MARK SHEET					
Name	Maths	Science	English	Physics	General Knowledge
David	85	87	88	92	88
Richard	91	81	78	71	74
John	81	86	88	84	92
Tony	84	86	87	82	81
Scott	71	79	82	88	89
