Subject: English

In a recent survey, it has been found that 95% of children in the age group of 4-10 spend many hours using computer, laptop or smart phones. About 78% of teenagers check their phone every now and then to check for mails or new messages and they even sleep with their phones kept near their pillow. It's a matter of concern for parents as well as health experts. Write an article on 'The Digital Revolution-Pros and Cons'. You are Palak/Pulkit.

OR

Write/Compose an article or a poem on "Lockdown Survival Experience".

HOPE HOUSE-

'Faith can move mountains.' Do you think that this feeling had been in Lencho's mind , and he could have been able to write a letter to god? What light does it throw on his feelings? (100-150 words)

LOVE HOUSE-

Write an article on the topic 'COVID-19' and its effects on the world. You are Rajni/Rajesh.

UNITY HOUSE

Write a story in 150-200 words based on the input given below:
Uday's dream-do something brave-win recognition far and wide-be famous in the world-one fine day- he saw this opportunity when….

ZEAL HOUSE

The poet presents two causes which will lead to the destruction of the humanity, i.e. fire and ice. What do you infer from the two possible causes provided by him? Explain (100-150 words)

Subject: Hindi

सामान्य प्रश्न–

स्वरचित एक रचनाः कविता / लेख / आलेख / लघुनाटिका

होप–

कोरोनावायरस संकटकाल में विकल्प के रूप में उभरी ऑनलाइन शिक्षा क्या विद्यालय शिक्षा का स्थान ले सकती है। अपने विचार लिखिए।

लव–

वैश्विक महामारी के इस दौर में नकारात्मक पहलू के साथ–साथ कुछ सकारात्मक पहलू भी उभर कर आए हैं। अपने विचार लिखिए।

यूनिटी–

कोरोनावायरस संकटकाल ने कहीं न कहीं हम सभी को कुछ नया सीखने और स्वयं से मिलने का अवसर दिया है। क्या आप इससे सहमत है? लिखिए।

ज़ील–

क्या आप इस बात से सहमत है कि कोरोना महामारी संकट ने पूरे विश्व को जीवनशैली में परिवर्तन करने तथा एक नई दिशा में सोचने को विवश किया है। अपने विचार लिखिए। अपने विचार लिखिए।

HOPE HOUSE :

Define nature of roots , with example for every possible condition and solve at least three question related to nature of roots .

LOVE HOUSE :

Define Euclid's division lemma, with example and solved at least three question related to using Euclid division lemma.

UNITY HOUSE :

Define type of polynomial with example. And also draw graph of Quadratic polynomial.

ZEAL HOUSE :

Explain the equation of line that are intersecting, coincident, and Parallel with example and also make its graph.

COMMON QUESTION :

Make a project file on any Mathematician (like,Euclid, Bhaskarcharya, Aryabhat, Srinivas, Pathagorus) with their contribution in maths with example and photo.

Subject: Social Science

HOPE HOUSE

Q. Choose three examples to show the contribution of culture to the growth of nationalism

in Europe and also Find out more about nationalist symbols in countries outside Europe and write about it in 200 words.

LOVE HOUSE

Q. List all the different social groups which joined the Non-Cooperation Movement of 1921. Then choose any three and write about their hopes and struggles to show why they joined the movement. (200 words)

UNITY HOUSE

Q. "The Earth has enough resources to meet the needs of all but not enough to satisfy the greed of even one person". How is this statement relevant to the discussion of development? Discuss. Also list a few examples of environmental degradation that you may have observed around you.(200 words)

ZEAL HOUSE

Q. "Tertiary sector is not playing any significant role in the development of Indian economy." Do you agree? Give reasons in support of your answer also explain the objective of implementing the NREGA 2005.

COMMON QUESTION

Q. On the outline map of world locate and label the following:-

I) Indian National Congress Sessions:

a. Calcutta(Sep.1920)

b. Nagpur (Dec. 1920)

c. Madras (1927)

II) Important Centres of Indian National Movement

a. Champaran(Bihar)-MovementofIndigoPlanters

 b. Kheda(Gujrat)-PeasantSatyagrah

c. Ahmedabad (Gujarat) - Cotton Mill Workers Satyagraha

d. Amritsar (Punjab) - Jallianwala Bagh Incident

e. ChauriChaura(U.P.)-CallingofftheNon-CooperationMovement

 f. Dandi (Gujarat) - Civil Disobedience Movement

Note: Students are instructed to make this project in a proper separate file.

Subject: Science

Common Question(s): –

1. Write the reaction that occurs when glucose breaks down an aerobically in yeast?
2. Why do we feel an urge to pass out urine?
3. Name the balloon like structure present in the lungs. List its two functions
4. Write the role of pancreas.

Research Question : (a) Ganges dolphins are visible again in rivers nowadays. Discuss the effect of water pollution on the visibility of dolphins. Suggest a way to clean rivers in light of chemistry.

(b) Indoor pollution is a big challenge to our society. Identify five sources of indoor pollution and also discuss their remedies at micro level.

[ZEAL HOUSE]

- Describe decomposition, types of Decomposition Reactions along with required diagram.
- Find the uses of mirror and make a list along with its types. Draw different cases of image formation for a concave mirror and convex mirror describing object & image position, nature of image.
- Generally plants wilt in the afternoon and regain their freshness in the next morning. Assign the logical reason.

[HOPE HOUSE]

- Plants are called green laboratories of the world. Justify the statement
- Find out the acidic & basic substances used at your home and also mention pH value.
- Find the uses of lens and make a list along with its types. Draw different cases of image formation for a concave lens and convex lens describing object & image position, nature of image.

[UNITY HOUSE]

- Leaves of a healthy potted plant were coated with Vaseline. Will this plant remain healthy for long time? Give Reason
- What is the major source of light? How it produces this much huge energy to light the entire world? Describe about it in detail.
- Why does your mother add salt and vinegar while making pickle? Also describe about rancidity and corrosion?

[LOVE HOUSE]

- All living organism are dependent on light for their nourishment. Justify the statement
- Explain about pH values, Scale & describe the chemical used by animals as their defence mechanism.
- What are the defects of eyes ? How it can be corrected? Describe in detail.

Where to do : A4 Size Sheets

Parameters of Marks Allotment : (a) Relevance (b) Accuracy (c) Presentation

HOPE HOUSE:

Q1. Write the HTML code to generate the following output:

Note the following points while generating the Webpage:

7.1 Title of the page is"eCommerce".

7.2 Heading of the page ismaroon.

7.3 Image used is"ecommerce.jpg"

7.4 Caption of table isblue.

7.5 Background of table is"cyan".

7.6 Table border is blue and of size2.

7.7 The 4 links are one.html, three.html andfour.html.

7.8 List Heading is red.

7.9 Heading should be in center of thepage.

Q2. Define and write all heading levels tags with examples.

Common Question: Write the html code to write your experiences in points during the lockdown period.(you can use any tag accordingly)

Q1. Observe the following web page and write HTML code to generate it.

Note the following points while generating the Webpage:

- Title of the page is "wild life inIndia"
- Heading of the page ismaroon
- Image used is "elephant.png"
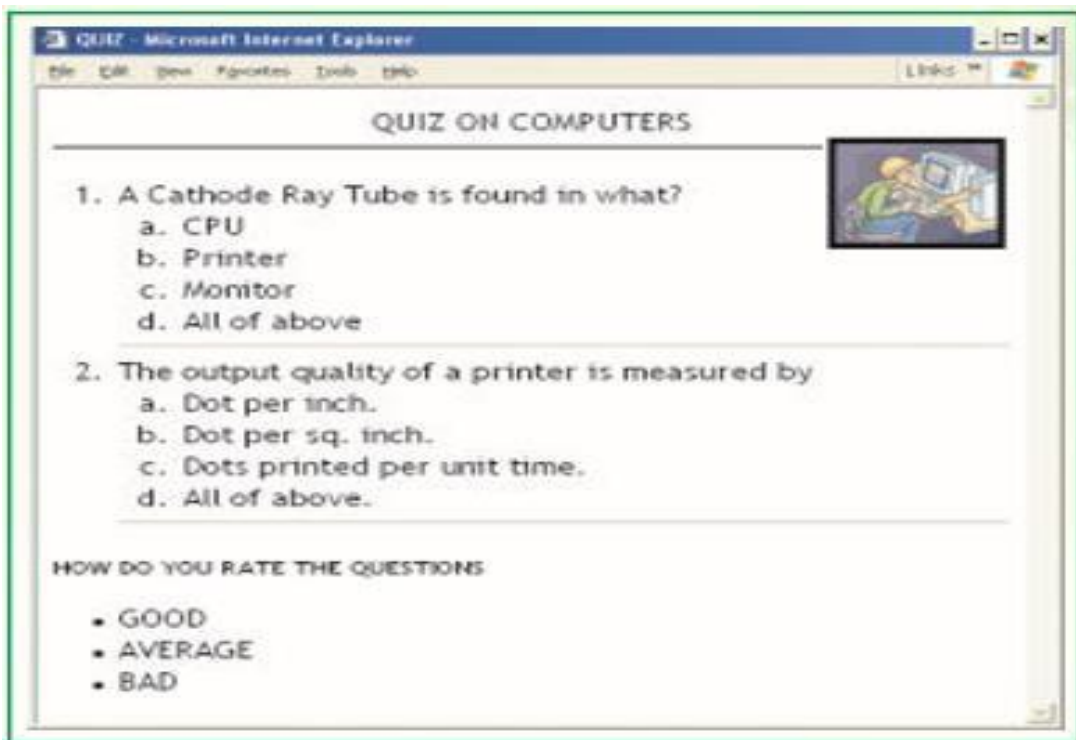- Caption of table isblue
- Table border is blue and of size2 px

Q2. Define at least ten and five empty tags in html with examples.

Common Question: Write the html code to write your experiences in points during the lockdown period.(you can use any tag accordingly)

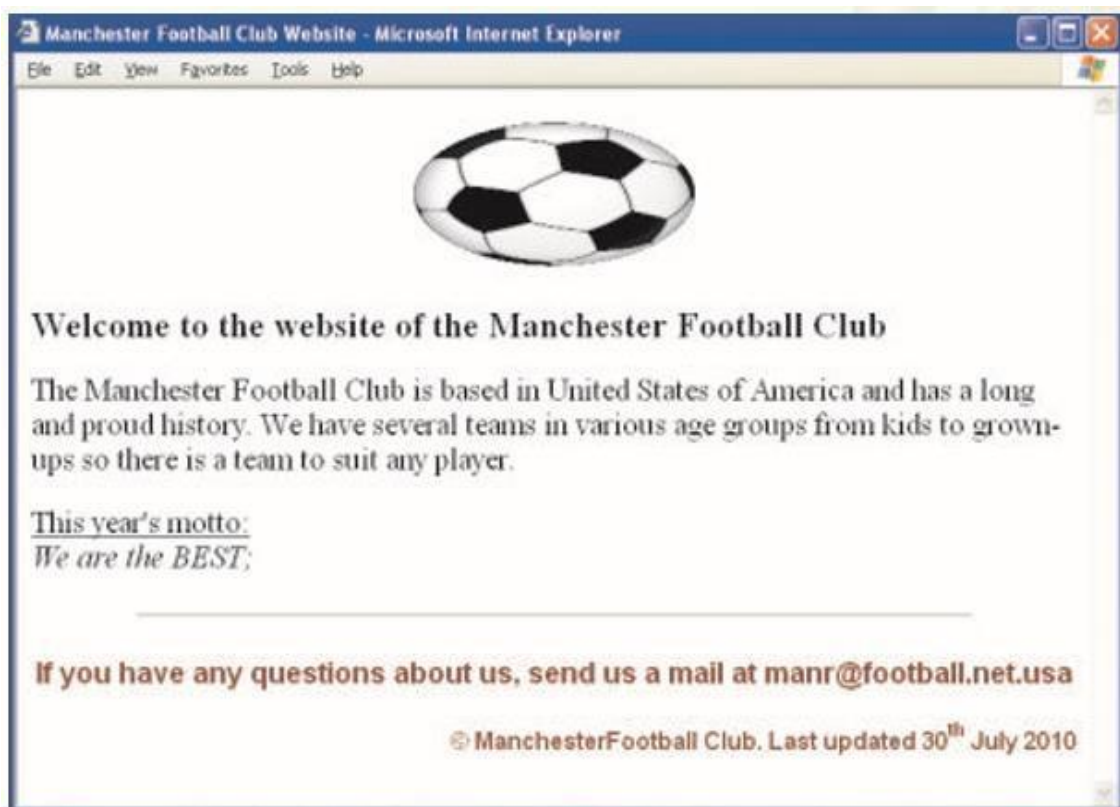Q1. Write the html code to generate the following output:

Q2. Define <OL> and <UL> and <DL> tags with examples.

Common Question: Write the html code to write your experiences in points during the lockdown period.(you can use any tag accordingly)

Q1. Write the html code to generate the following output

Design a webpage with the following specifications.

1. Background colour of webpage should bepink.

2. Heading should be in the center and red incolour.

3. There should be an ordered list and unordered list in the webpage.

4. There should be an image at the top of the web page in thecentre.

Q2. Define <img>,<p> and <font> tags in html with examples.

Common Question: Write the html code to write your experiences in points during the lockdown period.(you can use any tag accordingly)