

**ISHWAR INTERNATIONAL
SCHOOL
HOLIDAY HOMEWORK
CLASS 10TH**

- Date of submission 24th -25th June
- Marks will be awarded out of 10 and will be entered in the report card
- No homework will be accepted after 25th June.

SCIENCE

BIOLOGY:

• **WRITING WORK**

1. Write the article on "How human affect the environment" in 100 words in your fair notebook.
2. Write an article on "Branches of biology" in 100 words.

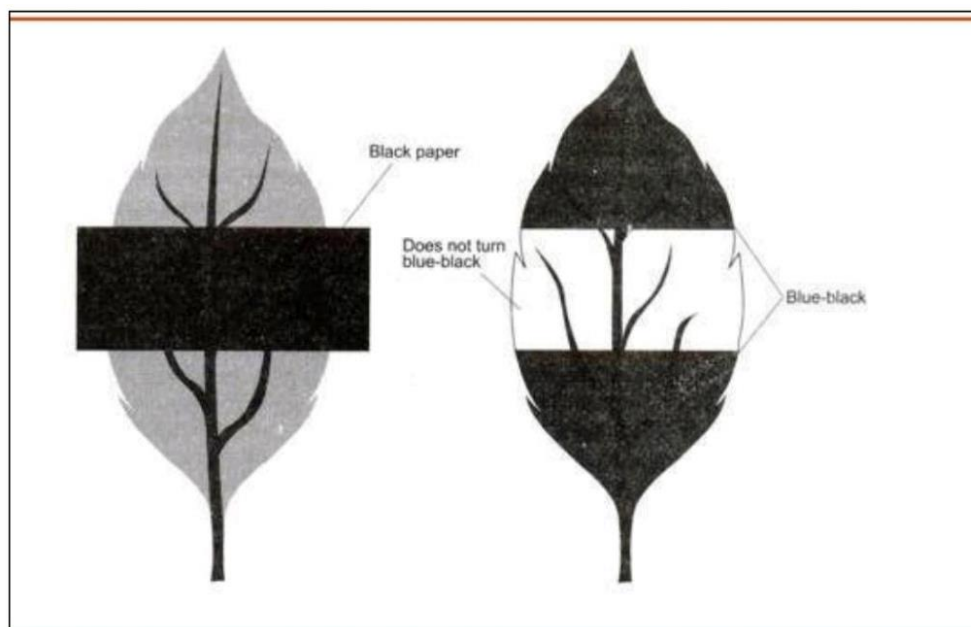
2. CASE BASED QUESTIONS:

A) In the experiment conducted by Raj, titled - "light is essential for photosynthesis".

The leaf of the plant is covered with a strip as shown alongside. The leaf is plucked, strip is removed from it and put in an iodine solution. It is observed

that the uncovered portion turns blue black.

Whereas covered does not. Why is it so?



B) A person vomits out milk every time he drinks it what will be the reason for this?

C) A student observed various green dot-like structures in cells of the leaf-peel under the microscope. What are these green dot-like structures and will be the reason for this green colour in them?

- **PROJECT WORK**

3. Make a project report on any topic of biology of your NCERT book (On A4 sheets with proper mentioning of source of information i.e.

INSTRUCTIONS:

- Front Page (printed)
- Index
- Acknowledgement
- Introduction
- Topic
- Presentation – [10 to 15 pages]

(graphs, tables, charts, newspaper cuttings, handmade diagrams, photographs if relevant)

- Conclusion/ Summary
- Bibliography

(Projects should be handwritten by the candidate. Written pages should not exceed 15-20 pages)

- Topics for project :-
 - a) Life processes
 - b) Reproduction in plants
 - c) Reproduction in animals
 - d) Our environment
 - e) Human Brain and its functions

4. Make a chart on following topics:

- a) Human brain (Roll no. 1 to 5)
- b) Human Heart (Roll no. 6 to 10)
- c) Human Excretory system (Roll no.11 to 15)
- d) Human Respiratory system(Roll no. 16 to 20)

e) Human Digestive system (Roll no. 21 to 26)

CHEMISTRY

1. Write down important question or previous exam questions of Chapter-1
2. Draw a chart of Modern periodic Table

PHYSICS

1. GIVE YOUR ANSWER IN ONE WORD/ONE SENTENCES.

A. For what position of the object does the image formed by a concave mirror is virtual, erect an enlarged?

B. For what type of mirror does the image always appears erect and of same size.

C. The focal length of a mirror is +20 cm .

Is it concave or convex?

D. What type of mirror to be used here.

Shaving mirror-

Rear view mirror-

2. MAKE RAY DIAGRAMS FOR FORMATION OF IMAGES FOR CONCAVE AND CONVEX LENSES.

3. MAKE RAY DIAGRAMS FOR FORMATION OF IMAGES FOR CONCAVE AND CONVEX MIRRORS.

4. WRITE AN ARTICLE ON ELECTROMAGNETIC WAVES.

(500 WORDS)

YOU CAN USE WEB SOURCES FOR REFERENCE.

5. Define linear magnification(m).

What is its interpretation in following cases.

- a. If m is positive.
- b. If m is negative
- c. If m is greater than one.
- d. If m smaller than one.

MATHEMATICS

- Revise ch 1 to 4 in revision notebook.
- Make one PPT and assignment on any of 1 topic.
- Write and learn table UP to 20
- Write square root cube root up to 20

SOCIAL SCIENCE

1. Make a project on the topic 'Sustainable Development'.
2. Learn PT 1 Syllabus:
Ch 1 Economics (Development)
Ch 1 Civics (Power Sharing)
Ch 1 Geography (Resource and Development)
3. On the blank Geographical map of India, show 'Major Soil Types'.
4. Go for walk to a natural place early in the morning daily and experience the beauty and benefits of the nature. Write your experience on a scrap book with your photographs taken close to natural scenes.
5. Mark 10 countries on the political map of World which are having 'Power Sharing' in their countries.

ENGLISH

Learn the following :

1.A Letter to God ,2.Nelson Mandela

Poem

Dust of Snow, Fire and Ice

Footprints Without Feet

1.The Triumph of Surgery

Grammar

Do practice of Tenses and Narration and learn the rules also

Art Integrated Activities:

- 1.Prepare a Money order on A4 size sheet.
- 2.Make a collage of the freedom Fighters of India.
3. Draw a picture of a snowy day
- 4.Prepare a chart on Tenses with examples.

HINDI

- एक पत्रिका तैयार कीजिए जिसमें निम्नलिखित विषय सम्मिलित हो ।
 शुभकामना संदेश लेखन
 स्वर वृत्त लेखन (चित्र सहित)
 ईमेल
 अनुच्छेद
 मेरी अविस्मरणीय यात्रा
 4 सुविचार
- एक कहानी(चित्र सहित)
- किसी एक फिल्म की समीक्षा व उसके कलाकारों के नाम लिखो।
- 10 हिंदी समाचार पत्रों के नाम
- आपके दादा-दादी या नाना-नानी द्वारा साझा किए गए जीवन के अमूल्य अनुभवों में से कोई एक अनुभव लिखिए।
- एक स्वरचित कविता लिखिए ।
- अपनी पाक कला की कुशलता दिखाते हुए किसी एक खाद्य विधि का वर्णन कीजिए ।
- अपने जीवन के लक्ष्य के बारे में लिखते हुए बताइए कि आपने उसे पूरा करने के लिए किस तरह की योजना बनाई है।