

GANGA INTERNATIONAL SCHOOL
HOLIDAY HOMEWORK- VII

SCIENCE

ALL WORK TO BE DONE IN PROJECT FILE.

- 1) Make structure of stomata by using kidney beans. How do the stomata contribute in photosynthesis and transpiration?



- 2) Description: Discuss with your elders, the way to lead a healthy life. Based on the same design a leaflet for the people of your age with hints and tips to lead a healthy life.
- 3) Fast food is not good for health. Compose a story with the above message wherein a girl explains to her younger brother, the bad effects of eating fast food.
- 4) Make some bird feed with some nuts and grains and leave it in your garden to feed the birds. Keep a bowl of fresh water every day near the bird feed.
- 5) Collect information about various breathing exercises that are good for our health. Write about any two that you follow / are going to follow in your daily routine.
- 6) a) How many Jantar Mantar are there in India: Locate their cities in the map of India.
b) Name the ruler who constructed the famous Jantar Mantar of Jaipur. Collect information about it and comment on the application of scientific knowledge in that period.
- 7) To check acidic or basic character of substance and neutralization
Material Required: Amla, Tamarind, orange, ENO, soap, window cleaner, china rose as indicator.
Procedure: i. Take out Amla, tamarind and orange and check their colour in china rose solution.
ii. What are the colour changes of these things.
iii. Record your observation. Take out rest of the things and check their colour change also in china rose solution (indicator).
iv. Now mix the solution of any two i.e. one acid and one base in equal amount and check the colour of this solution in china rose solution. Record your observations.
- 8) Make a 3D chart on the life cycle of silkworm.
- 9) Make a PowerPoint presentation (minimum 20 slides) to show that black colour absorbs more heat than white.
- 10) Collect different types of fibres at your home for example silk, wool and paste them in your project file. Collect the information of animals from which these fibres are obtained.
- 11) Plan the diet chart for a) Growing children b) Old grandparent
- 12) Ask your grandparents about the animals/ insects that were commonly found in their times.
i). List them and paste their pictures. ii) Can they be seen today also? iii) If not, find out the reasons from them as well as from other source.

- 13) Find out the information about the modes of transport used in olden times and compare them with the present day modes of transport.
- 14) Visit a grocery shop in your neighbourhood. Find out how the various items are arranged in its almirah or racks in different groups. How the concept of sorting of materials applied there that helps the shopkeepers in doing their work smoothly?
- 15) We should not touch electrical appliances with wet hand. Saloni wants to explain this to her younger brother. Depict this situation in the form of dialogues between the two.
- 16) Note down the maximum and minimum temperature of any four cities from newspapers for one week. Find out the difference between the highest and lowest temperature of each of the city. For which city, this difference was maximum?
- 17) Collect information about any two historical monuments that are affected / or have threat from air pollution. Note it in your project file.
- 18) Compose your own poem on 'Water is Life' and write down in your note-book.
- 19) Make a model on the given topic according to your roll no.
 Roll no.1 to 10 – Working model solar irrigation
 Roll no.11 to 20 – Working model water conservation
 Roll no.21 to 30 – Working model solar house
 Roll no.31 to 40 – Working model drip irrigation
 Roll no.41 and above –Working model water fall
- 20) Revise all the chapters being covered in the class.

MATHS

Note:- All work should be done on A4 size sheets, tag them and put them in a self-made folder.

1. Activity:- Plan your junk food
 Description:
 (a) Take a small packet of wafers. List out the ingredients with their weight and calories (on A4 size sheet)
 (b) Find out total calories consumption.
 (b) Convert the weight of each ingredients in fraction, and then decimal.
 (c) Why should we avoid junk food. Name any two healthy foods.
2. Activity:- Verifying the equality of alternate interior angles by paper cutting and pasting.

ENRICHMENT ACTIVITY

1. Write 421.34 in expanded form.
2. Arrange the following decimals in ascending order: 1.02, 3.12, 3.03, 4.03, 5.11
3. Express 0.04 in its simplest form.
4. Express $\frac{12134}{100}$ as decimals.
5. Simplify: $0.03 - 1.23 + 0.2 - 1.2$
6. If two complementary angles are in the ratio 2:3, then find the angles.
7. Find the measure of an angle which is 32 less than its supplement.
8. The sum of two integers is 0. If one of them is -13, then find the other integer.
9. What must be subtracted from -2 to get -7.
10. If Rs. 3000 deposited is represented by +Rs. 3000, then withdrawal of Rs. 7295 is represented by _____.
11. Solve 5 sudokus.
12. Make any Magic Squares of 5X5.

13. Note down maximum temperature of 5 days and calculate average.
 14. Make chart on topic **PARALLEL LINES**.
 15. Verify equality of corresponding angles.
 16. Colored Wheeled Activity
Description: Draw a circle. Mark 8 points on its boundary. Join 2 points at a time to get 4 diameters.
(a) Name any line segments.
(b) Colour all parts (known as sectors) with different colours.
(c) Measure all 8 angles. Find their sum.
 17. Draw place table on A4 sheets.
 18. Activity: Represent the product of decimal numbers on a square sheet using paper cutting and pasting.
- Note:-** All work should be done on A4 size sheets, tag them and put them in a self made folder.

SOCIAL SCIENCE

1. On any one dynasty of the Delhi Sultanate period write the political and economical changes that took place and paste relevant pictures.(Scrap book, cover the book)
2. Write a report on The United Nations Environment Programme (UNEP).Mention the top ten contributors and draw the picture or paste the logo.(Scrap book, cover the book).
3. Make a power point presentation (PPT) on famous Temples of India and categorize them on the basis of their Style.(Refer chapter .5 for details)
4. Name five places in the world where volcanic eruptions are a site of great delight for the tourists. Paste relevant pictures.(Scrap book, cover the book)
5. Write a Research Report why Japan is the constant victim of earthquake and what measures are taken by the government for their sustainability.(In geography notebook)
6. Make a Pie chart of the countries that have adopted democracy, Constitutional monarchy and Communism/ Dictatorship as their form of government and paste in(Civics note book).
- 7.Some areas have recently acquired statehood. Find out about them and make a report on their struggle to achieve their status.(Scrap book)
- 8.Take the help of Internet and find out when was the first coalition government established in India.
a)Which parties were apart of their government?
b)Who was the leader of the coalition government? (In civics note book).
- 9.Write down the names of the present Governor of all the states in India and paste their pictures.(Do in civics notebook)
- 10)Collect information about the Karnataka elections held in the country. Make a short descriptive note that includes the winning party, the seats won by the winning party and the seats won by different alliances.
(Scrap book)
- 11.Collect the information regarding the origin of Madhubani painting.(In History note book).
- 12.Plan a itinerary for your cousin, living in abroad. Make a list of all the places you will visit(like museums and monuments)
- 13.Read Newspaper everyday and identify the articles related to inhuman treatment given to the people. Write/Paste three articles on A-3 size sheet with brief explanation.
- 14.You have heard about Akbar's nine gems and their specialities. Which one would you like to be and why? What qualities do you have which are similar to the gems? A-4 size sheet.
15. Prepare Chart on 'Lifestyle of a famous tribe of North –west India'.(refer for help ch-7)
16. Make a Poster on 'Gender Equality'

17. Prepare a flow chart in word file- On Administration of Delhi Sultanate and Mughal Empire.
18. Practice to locate all the States and their Capitals, Continents and Oceans on the world map.
19. Visit to Akshardham Temple in Delhi and write in brief about its history of Art and Architecture, Paste your clicked picture also. (On A-4 size sheets)
20. Revise the syllabus covered in History, Geography and Civics before the summer break.

COMPUTER SCIENCE

Instructions:

1. Do all the questions on A4 size sheets (white or colored). Take printouts wherever required.
2. Do each question on separate sheet.
3. Use creativity in your work.
4. Sequence of the pages should be as follows -
 - i) First page should contain 'School name', 'Subject name', 'Students name', 'Admission No.', 'Class/Section'
 - ii) Second page contains Table of contents (this page contains chapter/topic name and its page number)
 - iii) Third page contain CD having Power Point Presentation. Put this CD inside transparent cover and paste it on the page with tape or double sided tape.
 - iv) Further pages contain the Holiday Home Work in sequence as per the sequence of Questions.
5. Punch all the pages with punching machine and then arrange in sequence and file up in a A4 size punching paper file cover.
6. Copy Power Point Presentation in CD.

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1. Write configuration of your home PC or Laptop.
(Processor, Operating System, Memory (RAM), Hard Disk space, CD/DVD Drives, Total number of USB Ports, M.S. Office version etc.)
 2. What is the IP address of your computer? How will you check IP address of your computer? Write the steps.
 3. With the help of number chart paste the picture of Binary numbers with heading "Binary Numbers". Write two lines about it.
 4. With the help of number chart and alphabet chart paste the picture of Hexadecimal numbers with heading "Hexadecimal Numbers". Write two lines about it.
 5. With the help of number chart, paste the picture of Decimal numbers with heading "Decimal Numbers". Write two lines about it.
 6. With the help of number chart, paste the picture of Octal numbers with heading "Octal Numbers". Write two lines about it.
 7. Read chapter-2 carefully and make five MCQs and write it on A4 size sheet.
 8. Read chapter-2 carefully and make five Matching questions and write on A4 size sheet.
 9. Paste images of two famous search engines and write their names.
 10. Find and paste the images of two famous browsers and write their names.
 11. Paste the LOGO of any two Operating system with their name used in Computers/Laptops.
Mac Operating system logo, Microsoft OS logo, linux OS logo
 12. Paste the LOGO of any two Operating system with their name used in Mobile Phones.
 13. Paste the images of following famous personalities in computer or IT field.
Father of computer, Inventor of Mouse, Inventor of Keyboard
 14. In Microsoft Word, make an invitation card for your Birthday Party.

15. In MS Excel make your school Time Table as given in your school diary.
16. Prepare a power point presentation (minimum 10 slides) on title “How I spent my summer vacations?” If possible use related photographs and video clip with proper captions.
17. Write five advantages and five disadvantages of internet.
18. What is the use of RAM in computer/mobile system? What happen, if RAM is increased or decreased in your computer/mobile. Write minimum five points.
19. What the difference between CD-R and CD-RW. Write the steps to burn or copy data in the CD.
20. Write ten general ability questions related to IT industry.

ENGLISH

Writing work to be done in separate thin Holiday H.W notebook.

1. Supplementary Reading- A MUST READ

Once you are back from the holidays you will be quizzed on the following book to evaluate your reading skills. Pen down the theme of the story.

- Beauty and the Beast
 - The Blue Umbrella- Ruskin Bond
2. Suggested movies that you should watch during the holidays: It’s the Great Pumpkin- Charlie Brown, My Life as a Zucchini.
 3. Learn “WORDS I MUST KNOW” along with their meanings and usage-20 new words
 4. Read Laurie Wright’s famous book: I Can Handle it !
 - Write a short summary of the story(75 words)
 - Name the main character in the story and why do you like him?
 5. Collect pictures and information about famous personalities, known for their service to mankind or their nations. Write a biographical sketch which should include:
 - Introduction
 - Childhood
 - Achievements
 - His/ Her contribution to society (Use A4 size sheet and pin them together).
 6. Make a book cover. Remember, a book cover has the name of the book, author and illustration. Use a thick A4 size sheet and be as creative as you can.
 7. For the following given words, look up the meaning and provide a synonym for each word :
Shout, Agile, Destroy, Sympathize, Calm, Impulsive, Furious, Commence, Gloomy
 8. Write a self composed poem dedicating it your best friend.
 9. Fun word games – Let’s use technology to improve our English. Download the application ‘4 pics 1 word’, on your parents smart phone and play the game to improve your vocabulary skills.
 10. Gather information about Rabindranath Tagore and his famous works and prepare a Bio-graphical sketch using the following hints:

Name	Date of Birth	Educational Qualifications	Family Famous works
Achievements			

Use A4 size sheet.
 11. Create a memorabilia reflecting 5 important and treasured moments of your life. Use pictures and give interesting and relevant captions to them.
 12. Read any story on the theme ‘Be Forgiving’. It has to be narrated in class by you. Every student will get 2 minutes for the same.

13. 'Taros Reward' is a story in Japanese context about the obedience of a son to his parents. Similarly there are many Indian legends that describe the values of obedience and respect like the story of Shraavan Kumar, Lord Ram. Read more such stories which will be narrated by you in one min in class.
14. Paste and write character sketch of any two persons who are differently abled but have still attained a good position in the society. (Use A4 size sheet).
15. Make as many words (3 or more letter words) from any one of the given words:
1. RENDEZVOUS 2. ENTERTAINMENT 3. CREATIVITY
16. Practice your grammar skills throughout the holidays. Use some of the following websites:
- www.bbc.co.uk/bitesize/ks2/english
 - www.learnenglish.britishcouncil.org/en/english-grammar/
 - www.englisch-hilen.de/en/exercises_list/alle_grammar.htm
17. Watch videos of famous Indian magicians like Ugesh Sarcar , P.C Sarcar etc and describe in your own words , whose tricks you liked the best and why?
18. Make an attractive bookmark; one that you will be able to use. Write an inspiring quotation, proverb or saying on it.
19. Use of bicycles is one of the environment friendly modes of transport. Collect information about environment friendly processes. Which of these can be used by the people in your locality? What are the other modes of transport or ways that may be adopted to reduce air pollution? Design a poster on any one environmental friendly process.
20. Revise syllabus for PA-1.

संस्कृत (सभी कार्य ए 4 आकार के कागज में करें एवं सभी कागजों को फाइल में लगाएँ)

- (1) संस्कृत साहित्य के पाठ – 1 , 2 के पूर्ण वाक्येन उतर नोटबुक पर याद करके लिखिए ।
- (2) पद् धातु को लट् , लृट् लकार में याद करके लिखिए ।
- (3) सन्धि की परिभाषा लिखिए ।
- (4) स्वर सन्धि के भेदों को उदाहरण सहित चार्ट में लिखिए ।
- (5) व्यंजन सन्धि के भेदों को उदाहरण सहित चार्ट में लिखिए ।
- (6) अपने परिवार के सदस्यों के नाम पेड़ बनाकर ए4 सीट पर संस्कृत में लिखिए ।
- (7) कोई पाँच मन्त्र आकर्षित रूप से चार्ट पर लिखिए ।
- (8) उच्चारणस्थान का चार्ट बनाइए ।
- (9) पाँच पक्षियों के नाम चित्र सहित संस्कृत में लिखिए ।
- (10) अपना परिचय संस्कृत भाषा में लिखिए ।
- (11) दो अकारान्त शब्दों के रूप लिखिए ।
- (12) फल शब्द रूप लिखिए ।
- (13) पाँच संस्कृत लेखकों के नाम तथा उनकी किताबों के नाम लिखिए ।
- (14) पाँच रंगों के नाम संस्कृत में लिखिए ।

- (15) पुरुष कितने होते हैं ? उनके नाम लिखिए ।
 (16) प्रथम पुरुष के उदाहरण तीनों वचनों में लिखिए ।
 (17) मध्यम पुरुष के उदाहरण तीनों वचनों में लिखिए ।
 (18) उत्तम पुरुष के उदाहरण तीनों वचनों में लिखिए ।
 (19) तीनों वचनों के नाम उदाहरण सहित लिखिए ।
 (20) कारक के भेद तथा उनके चिह्न लिखिए ।

हिन्दी (सभी कार्य ए 4 आकार के कागज में करें एवं कागजों को फाइल में लगाएँ)

प्रश्न-1 निम्नलिखित कहानियाँ पढ़कर उनका सार लिखिए ।

- (क) नमक का दारोगा (मुंशी प्रेमचंद)
 (ख) अन्नमोल भेंट (रबीन्द्रनाथ टैगोर)
 (ग) शरणागत (जयशंकर प्रसाद)

(घ) उसने कहा था (कमलेश्वर)

प्रश्न-2 “यदि जल न होता तो जीवन कैसे चलता” विषय पर दस वाक्य लिखिए ।

प्रश्न-3 निम्न पक्षियों से संबंधित जानकारी एकत्र करके सूचीबद्ध कीजिए ।

पक्षी	शरीर का रंग	बोली
कौआ		
मोर		
कबूतर		
टोता		

प्रश्न-4 (1-20) तक अंकों को हिन्दी व शब्दों में लिखिए ।

प्रश्न-5 रहीमदास के 5 दोहे आकर्षक रूप से ए4 आकार के कागज पर लिखिए ।

प्रश्न-6 ‘शरद ऋतु’ में कौन-कौन से त्योहार मनाए जाते हैं। उनकी सूची बनाइए ।

प्रश्न-7 ऐसे 5 मुहावरे और लोकोक्तियाँ लिखिए जिनमें शरीर के अंगों के नामों का प्रयोग किया गया है। जैसे—आँख, नाक, कान, मुँह आदि ।

प्रश्न-8 संवत् (वर्ष) के बारह महीनों के नाम हिन्दी में लिखिए। उनके सामने अंग्रेजी महीनों के नाम भी लिखिए ।

प्रश्न-9 अपनी यात्रा पर जाने से पूर्व आप क्या-क्या तैयारियाँ करेंगे। (70-80 शब्दों में)

प्रश्न-10 जीवनदायिनी नदियों की स्वच्छता बनाए रखने हेतु चार सुझाव लिखिए ।

प्रश्न-11 समाचार पत्र में से कोई एक चित्र काटकर चिपकाइए और उसका 70-80 शब्दों में वर्णन कीजिए ।

प्रश्न-12 अपनी दादी माँ से उनके जीवन की कोई रोचक घटना पूछकर लिखिए ।

प्रश्न-13 ‘स्वच्छता अभियान’ पर आधारित दो स्लोगन लिखिए ।

प्रश्न-14 अपनी किसी अविस्मरणीय यात्रा का वर्णन करते हुए एक अनुच्छेद लिखिए । (100 शब्द)

प्रश्न-15 समाचार पत्र या किसी पत्रिका में से कोई विशेष अंश छाँटकर पढ़िए और उस अंश में प्रयुक्त सभी संयुक्त व्यंजनों एवं द्विविध व्यंजनों से निर्मित शब्दों को चुनकर लिखिए तथा उन शब्दों के वर्ण विच्छेद भी कीजिए।

प्रश्न-16 भारत का मानचित्र लेकर उसमें विभिन्न राज्यों की भाषाओं के नाम लिखिए।

प्रश्न-17 ओं की ध्वनि के लिए हम अर्धचंद्र लगाते हैं। इसका प्रयोग अंग्रेजी शब्दों के शुद्ध उच्चारण के लिए किया जाता है। ओं ध्वनि से बने दस शब्द लिखिए। जैसे-डॉक्टर

प्रश्न-18 निम्नलिखित शब्दों के दो-दो पर्यायवाची शब्द लिखिए।

पेड़, चंद्रमा, नदी

प्रश्न-19 वाक्य शुद्ध कीजिए।

(क) मुझे एक फूलों की माला चाहिए।

(ख) माँ तुम्हारे से परेशान है।

(ग) वह सीढ़ी पर से गिर पड़ा।

(घ) उसका आँसू निकल गया।

प्रश्न-20 निम्नलिखित वाक्यांशों के लिए एक शब्द लिखिए—

(क) सप्ताह में एक बार होने वाला

(ख) ईश्वर में विश्वास रखने वाला

(ग) जिसमें जानने की इच्छा हो

(घ) जिसके माता-पिता न हो