

GANGA INTERNATIONAL SCHOOL
HOLIDAY HOMEWORK- VIII

SCIENCE

ALL WORK TO BE DONE IN PROJECT FILE.

1. Search the hybrid crops of wheat, rice, maize, and cotton & give the details.
 2. Collect seeds of different types of crops and segregate and put them in packets and display them well.
 3. Prepare a power-point presentation on –Roll no.1-20(steps involved in crop production).
- AND**
roll no.21 onwards(world of microorganisms).
4. Collect and paste 10 top stories from the field of science (in the month of May-June 2018).
 5. Collect information and pictures about different agricultural practices.
 6. Make a poster to create awareness on how plastic can cause harm to the environment.
 7. Name the following:
 - a) Discoverer of fermentation
 - b) Discoverer of penicillin
 - c) Discoverer of smallpox vaccine
 - d) Discoverer of bacteria causing anthrax
 8. With the help of internet, observe and study the images of common rabi and kharif crops.
 9. Without microorganisms we wouldn't survive. Prepare a skit based on microorganisms and discuss their useful and harmful effects. Discuss their importance in food industry, in the field of medicine, replenishing of nutrients etc. Also discuss their role in spreading of diseases among the organisms.
 10. Why do we add baking soda or yeast while preparing cake or biscuits?
 11. Write the name of chemical preservatives written on packed food items.
 12. Make a compost pit using kitchen waste. Click photographs while putting the waste in it.
 13. Ancient Egyptians applied mouldy bread on infected cuts and wounds to heal them. Why do you think this helped in healing the wounds? Nowadays we do not use mouldy bread to cure infection. What do we use instead?
 14. The traditional system of medicine is called Ayurveda. Find out some of the useful items from your kitchen which are beneficial in treatment of diseases. Prepare a report on it.
 15. Visit the nearby fields and find about different practices of irrigation.
 16. Collect information about Nobel Prize Winners of last three years in the field of medicine, physics and chemistry.
 17. Why are small children provided with polio drops after regular intervals?
 18. Find out about the main biofuels in use today.
 19. Go to http://simple.wikipedia.org/wiki/Renewable_resource. Write a report on renewable resources.
 20. Revise all the chapters being covered in the class.

FRENCH

Note: The homework needs to be done in French notebook except workbook exercises & chart.

- 1) Préparer une affiche (chart) sur la culture française (la mode, cuisine, instruments de musique, vins, fromages etc.)

Ou

Préparer une affiche (chart) sur le sport.

- 2) Vous devez préparer /coller « Carte de la France >> et mentionner les régions, montagnes, fleuves, villes) dans votre cahier (Map of France in your notebook with important rivers, mountains and cities).
- 3) Complétez les exercices leçon 0, 1 & 2 dans votre cahier d'exercice (Practice chapter 0,1 & 2 in workbook).
- 4) Préparez une liste des exceptions masculine et féminine (min 30 words exceptions). Il faut utiliser le dictionnaire pour le vocabulaire (use dictionary).

MATHS

- Collect the information of the life history and contribution/ innovation of the following Indian mathematician on A4 size sheets with their pictures. (Any one)

(i) Srinivasa Ramanujan (ii) Aryabhata
- Make a mathematical newspaper write in it application of maths in daily life with pictures, also add in the newspaper various puzzles, games, logos and symbols (having geometrical shapes) to make it interesting. Give it an interesting caption.
- Verify the sum of angles of a quadrilateral is 360° by paper cutting and pasting.

SUBJECT ENRICHMENT ACTIVITY

- Find the reciprocal of (i) $\frac{3}{5} \times \frac{4}{7}$ (ii) $\frac{-2}{5} \times \frac{-3}{8}$
- What is 60 times one-tenth?
- Find the value of $\frac{-3}{2} \div \frac{2}{3}$
- If $7z + 3z = 18$ then find z.
- If $6b - 8 = b$ then find b.
- If $3q + 3 = -5$ then find q.
- Fill in the blanks:
(i) A rhombus is a parallelogram in which adjacent sides are _____ in length.
(ii) The diagonal of a square intersect at _____ angle.
(iii) A square is a rectangle in which _____ .
- Verify : $\frac{3}{5} + \frac{2}{3} = \frac{2}{3} + \frac{3}{5}$
- Find sum of (i) $\frac{-16}{13} \& \frac{-2}{15}$ (ii) $\frac{16}{13} \& \frac{2}{-15}$
- Find Additive inverse of $\frac{-5}{13} \& \frac{2}{17}$

WORKSHEET

- What number should be subtracted from $\frac{-1}{8}$ to get $\frac{11}{72}$
- The sum of two rational numbers is $\frac{4}{33}$. If one of them is $\frac{-5}{11}$, find the other number.
- The product of two numbers is $\frac{-5}{12}$. If one of the number is $\frac{-35}{18}$, find the other number.
- Find five rational numbers between $\frac{1}{5} \& \frac{1}{2}$.
- If $p = \frac{2x-1}{3}$, $q = \frac{7-3x}{4}$ and $\frac{p-q}{5} = 1$. Find x.
- The sides (other than hypotenuse) of a right triangle are in the ratio 3:4. A rectangle is described on its hypotenuse, the hypotenuse being the longer side of the rectangle. The breadth of the rectangle is four-fifths of its length. Find shortest side of the right triangle. If the perimeter of the rectangle is 90 cm.
- A school organized an essay competition and decided that a winner in the competition would get a price of Rs.1000 and a participant who did not win would get a prize of Rs. 200. The total price money distributed is Rs. 16000. Find the number of winners, if the total number of participants is 40.
- The diagonals of a rhombus are 6 cm and 8 cm, find the length of a side of the rhombus.
- The sides of a rectangle are in the ratio 4:5. Find its sides if its perimeter is 90 cm.
- The length of a rectangle is 12 cm and each of its diagonal measure 15 cm find its breadth.

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

SOCIAL SCIENCE

1. Make a poster on the topic- Conservation of natural resources. Give it an attractive slogan.
2. Make a PPT on Fundamental Rights of Our Indian Constitution of not more than 8 slides. Email it to sst.sst8888@gmail.com
3. On an A4 size sheet and write any 5 positive and negative effects of demonetization.
4. Research Work- Do the research on the United Nations Organisation. You can make your research interesting based on the following points:-
 - i) Find out the names of the organs of the UN.
 - ii) Find out the names of the members of the Security Council.
 - iii) Find out about the objectives behind the formation of UN.Do it in your scrap book
 5. Mark and label any 5 member countries of the United Nations present in Asia.
 6. Project Work- Make a well documented project on any one of the leaders of the Revolt of 1857 in your scrap book.
 7. Create a newsletter of 4-6 pages write important news from British India.
 8. Survey- Visit any 10 houses near your house and collect the following data-
 - i) Name of the family members
 - ii) Number of children below the age of 15
 - iii) Occupation of their parents
 9. Collect information about any three children who have helped to save the lives of persons during disasters and have been awarded the Bravery Award on the 26th January this year.
 10. Collect information about the following posts and paste pictures of the persons holding them-
 - i) Leader of Lok Sabha
 - ii) Leader of Rajya Sabha
 - iii) Leader of the Ruling Party
 - iv) President of India
 - v) Prime Minister of India
 11. Speech Writing- Write a speech on the topic- Actions to be taken by the Government against Manual Scavenging
 12. Make a project work on any one tribe still existing in India. Write about their language, culture, food and distinct features in the scrap book.
 13. Art Activity- Carefully observe the uniform of Indian police Force. Now write down about the distinct features that you notice in the uniform in the scrap book.
 14. Letter writing- Imagine that you are an educated Indian at the time of British India. Write an article to the editor of the newspaper highlighting the problems related to the social evil- 'Sati' and 'Untouchability' practiced at that time.
 15. On an A3 size sheet, make a table showing the classification of the different type of resources using pictures.
 16. Checklist- Discuss and pen down the do's and don'ts at the time of natural disasters like thunderstorms, earthquake, floods, etc.
 17. Fact Finding- Find out and write down about the toll free telephone numbers that can prove useful at the time of calamity.
 18. Visit any one of the monument built during the time of British era. Paste pictures and bring relevant information related to it.
 19. Write down the Preamble of the Indian constitution on a A3 sheet.
 20. Read the chapters and revise the PA-1 syllabus thoroughly.

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 contains '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 contains 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 or Movie 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. Paste the cutting of latest news/information regarding computers technology from newspapers/magazines/internet.
3. Paste the cutting of latest news/information regarding mobile phone technology from newspapers/magazines/internet.
4. Read chapter-2 carefully and make ten MCQs and write it on A4 size sheet.
5. Read chapter-2 carefully and make ten Matching questions and write on A4 size sheet.
6. Paste images of three famous search engines.
7. Find and paste the images of three famous browsers.
8. Paste the LOGO of any three Operating system with their name used in Computers/Laptops .
9. Paste the LOGO of any three Operating system with their name used in Mobile Phones
10. Paste screenshots of website address of five educational websites for Junior students.
11. Search the images of five famous personalities in computer or IT field and paste it on A4 size sheet.
12. In Microsoft Word Make a broacher/banner on the topic "GIS Annual Function Celebration for the year 2018".
13. How do you find the IP address of your computer system write the steps or take screenshots of the steps you have typed on screen and paste in MS Word and take printout of it.
14. Paste the images for Network architecture i.e. Client-Server architecture and Peer-to-Peer architecture
15. Paste Images of Types of network ie PAN, LAN, MAN, WAN.
16. Paste Images Switch, Hub, Router and Modem. Write two sentences about each of them.
17. Paste images of Network components i.e. Ethernet network card, Network cable, Hub and Switch, Router.
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 b/w CD-R and CD-RW. Write the steps to burn or copy data in the CD.
20. 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.

OR

Make a movie in Window Movie Maker software on the title "How I spent my summer vacations?"
Add related photographs and video clips. Add text, transition, audio/music and other effects.

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 and what did you learn from it.

- Generosity

- A Chair for My Mother
- 2. Suggested movies that you should watch during the holidays : Marlie& Me, Monster’s University
- 3. Learn “WORDS I MUST KNOW” along with their meanings and usage-20 new words
- 4. Read Laurie Wright’s famous book :I Can Do That !
 - 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
- 6. UPSC 2014 Topper Ms. Ira Singhal despite being differently abled, achieved great success. Watch her interview on Youtube and write an article on how the person inspires you.
- 7. Bargain with your parents and get a thing which gives you joy. Prepare a set of dialogues on how you convinced them.
- 8. Write a self composed poem dedicating it your Mother.
- 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 Stephen Hawking 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 Loyal’. It has to be narrated in class by you. Every student will get 2 minutes for the same.
- 13. ‘Who am I’? Write an auto biographical poem so that anyone who reads it will get to know you better. You could write about youeself from any point of view:
 - 1. Likes and Dislikes
 - 2. Aim in Life
 - 3. Happy and sad moments
- 14. Paste and write character sketch of any two persons who are differently abled but have still attained a good position in the society.
- 15. Make as many words (3 or more letter words) from any one of the given words:
 - 1. CHALLANGING
 - 2. INTOLERANT
 - 3. SUPERNATURAL
- 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. Frame 10 sentences using verbs which can be used both as nouns and verbs.

You may follow the example given below:

I trust (verb) my friend completely. Trust (noun) is very important in a relationship.

- 18. Make an attractive bookmark; one that you will be able to use. Write an inspiring quotation, proverb or saying on it.
- 19. The word ‘Beauty’ ends with ‘ty’. Identify ten more words ending with ‘ty’ and use them to make sentences of your own.
- 20. Revise syllabus for PA-1.

संस्कृत (सभी कार्य ए 4 आकार के कागज़ में करें एवं सभी कागज़ों को फाइल में लगाएँ)

- (1) संस्कृत साहित्य के पाठ-1, 4 तक के मौखिक कार्य के प्रश्न उत्तर नोटबुक पर लिखिए और याद करें ।
- (2) राम, लता शब्दों के रूप ए4 सीट पर याद करके लिखिए ।
- (3) पद् धातु लट् लकार में याद करके लिखिए
- (4) गम् धातु लट्, लृट् लकार ए4 सीट पर याद करके लिखिए ।
- (5) कोई पाँच मन्त्र आकर्षित रूप से चार्ट पर लिखिए ।
- (6) पाँच सूक्तियों को अर्थ सहित ए4 सीट पर याद करके लिखिए ।
- (7) स्वर सन्धि के भेदों को उदाहरण सहित चार्ट पर लिखिए ।
- (8) संस्कृत के पाँच अव्ययों को उदाहरण सहित लिखिए ।
- (9) पाँच सब्जियों के नाम चित्र सहित संस्कृत में लिखिए ।
- (10) पाँच फलों के नाम चित्र सहित संस्कृत में लिखिए ।
- (11) पाँच पक्षियों के नाम चित्र सहित संस्कृत में लिखिए ।
- (12) कारक के भेद तथा उनके चिह्न लिखिए ।
- (13) वचन के भेद उदाहरण सहित लिखिए ।
- (14) लिंग के भेद उदाहरण सहित 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) पाँच संस्कृत लेखकों के नाम तथा उनकी किताबों के नाम ए4 सीट पर लिखिए ।
- (20) वेदों के नाम लिखिए ।

हिन्दी (सभी कार्य ए 4 आकार के कागज़ में करें एवं सभी कागज़ों को फाइल में लगाएँ)

प्रश्न-1 निम्नलिखित कहानियाँ पढ़कर उनका सार लिखिए ।

- (क) पंचपरमेश्वर (मुंशी प्रेमचंद)
- (ख) नई रोशनी (रवीन्द्रनाथ टैगोर)
- (ग) ममता (जयशंकर प्रसाद)
- (घ) खेल (जैनेन्द्र कुमार)

प्रश्न-2 अपनी किसी अविस्मरणीय यात्रा का वर्णन करते हुए एक अनुच्छेद लिखिए । (100 शब्द)

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

प्रश्न-5 सूरदास के 5 दोहे आकर्षक रूप से ए4 आकार के कागज़ पर लिखिए ।

प्रश्न-6 'वर्षा ऋतु' में कौन-कौन से त्योहार मनाए जाते हैं । उनकी सूची बनाइए ।

प्रश्न-7 ऐसे 5 मुहावरों 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 अंग्रेज़ी महीनों के नाम भी लिखिए ।

प्रश्न-9 समाचार पत्र में से कोई एक चित्र काटकर चिपकाइए और उसका 70-80 शब्दों में वर्णन कीजिए ।

प्रश्न-10 'स्वच्छता अभियान' पर आधारित दो स्लोगन लिखिए ।

प्रश्न-11 विभिन्न प्रकार के भारतीय शिल्प पर जानकारी एकत्रित करके लिखिए ।

प्रश्न-12 वाक्य शुद्ध कीजिए—

- (क) पूरा शरीर जलने लगी।
- (ख) चायमें कोई गिर गया।
- (ग) रात में खाना नहीं खाई।
- (घ) पिताजी, आप मुझे बुलाए थी।

प्रश्न-13 समाचार पत्र या किसी पत्रिका मे से कोई विशेष अंश छाँटकर पढ़िए और उस अंश में प्रयुक्त सभी संयुक्त व्यंजनों एवं द्वित्व व्यंजनों से निर्मित शब्दों को चुनकर लिखिए तथा उन शब्दों के वर्ण विच्छेद भी कीजिए।

प्रश्न-14 भारत का मानचित्र लेकर उसमें विभिन्न राज्यों की भाषाओं के नाम लिखिए।

प्रश्न-15 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-16 निम्नलिखित शब्दों के दो-दो पर्यायवाची शब्द लिखिए।

पर्वत, गृह, ईश्वर

प्रश्न-17 अपनी यात्रा पर जाने से पूर्व आप क्या-क्या तैयारियाँ करेंगे। (70-80 शब्दों में)

प्रश्न-18 “यदि संगीत न होता” विषय पर दस वाक्य लिखिए।

प्रश्न-19 सदैव पुल्लिंग रूप में प्रयोग होने वाले 5 शब्द लिखिए।

प्रश्न-20 निम्नलिखित वाक्यांशों के लिए एक शब्द लिखिए—

- (क) जो आँखों के सामने हो
- (ख) जिसका कोई आधार न हो
- (ग) अच्छे चरित्र वाला
- (घ) जिसका आकार हो