

ASN Senior Secondary School

MAYUR VIHAR-I

Hurrah! Summer Holidays are here again.

A great time to bond with family, visit exotic places, celebrate with friends enjoying - lots of fun and frolic moments. Along with rejuvenation, we at ASN believe in involving students in the activation of their spirit of creativity and their zeal of exploration

This year's theme for the Summer Vacation Project is – ‘Vishwa Guru Ho Rastra Punah’

Being one of the ancient civilisations and knowledge centres in the world, our Nation, India has a history of thousand years. It has been the Vishwa Guru of the world for centuries. India was known for its grandeur and Glorious past- socially, culturally, intellectually and politically. The greatness, identity, wealth, experience, knowledge of our Nation is incomparable to any nation.

So, let's help our children to explore India's grandeur and glory of those days when it was rightly called 'The Golden Bird!' Thus in this enriching process, through a well-designed Holiday Homework which makes them come closer to the mission of making India – The Vishwa Guru once again. Let's us be the wind beneath their wings!

Have a fun filled vacation!!

Sushma Kalia
Middle Wing Coordinator

Dear Students

- ✚ **'Discipline is the bridge between goals and accomplishment'**. Set a timetable and utilize your time to the utmost by balancing your activities like studies, play time, watching TV and other activities which you undertake.
- ✚ **'Bonding is the most important value to be nurtured'**. Spend quality time with your family and friends. Organize a party for your friends at your home. Be the **Manager** and **Chef** of your party. Make a dish of your choice and share your delicacy with your friends.
- ✚ **'Reading is dreaming with open eyes'**. Read atleast five new books in English and Hindi each. Write a book review for an English and a Hindi story book. Share your joy of reading with your language teachers and class mates after the holidays. **Cues for Book Review** (The character, incident you liked the most or any inspiring, funny or an adventures moment.)
- ✚ **Learn atleast one new activity**. It could be an instrument, sport, art, music, dance, language or any other thing of your interest which you wish to learn.
- ✚ **17th June is "Father's Day"**. Make it special for your father and surprise him in a thoughtful manner.
- ✚ **'Yoga for Fitness, Peace and Harmony'**. **International Yoga Day** is on 21st June. Learn five simple **asanas** and practice them with your family and friends. Click pictures and share it with your class teacher. These pictures will be shared on the school website.
- ✚ **'India - The Nation of rich Heritage'**. Explore your city / various states of India by visiting the historical landmarks and enjoy the cultural diversity of your Nation.

NOTE- Parent is also requested to see whether their ward's work is complete in note book. Assessment of the note book will be done immediately after the school reopen.

ASN Senior Secondary School

MAYUR VIHAR-I

SUMMER VACATION HOLIDAY HOMEWORK

(2018-19)

CLASS VII-D

Theme – “Vishwa Guru Ho Raashtra Punah”

Topic– Save Environment By Energy Conservation Using Sustainable Resources

Introduction:

Sustainable development is the need of the hour. In order to become a world leader. India must conserve energy and utilize it judiciously for brighter future of nation

1) Activity 1 - Model making on 'use of renewable resources of energy'

Prepare a model of solar panels and show how they are used in lighting the streetlights and our household appliances.

2) Activity 2 - Scroll on Wind Energy

Explore the role of alternate sources of energy in meeting our ever growing needs of energy. Prepare a scroll that highlights the importance and limitations of wind energy.

3) Activity 3 - Pamphlet to create awareness for energy conservation

Design a pamphlet on A4 sheets to promote awareness about simple methods that can be adopted to reduce our energy consumption.

4) Activity 4: green building (Prayavaran Bhawan)

Make a model of any Green Building in Delhi i.e a building that reduces the energy consumption by adopting environment friendly techniques like hanging plants, solar panels, large windows for airflow insulated walls, natural plant purifiers mentioning - Name & location of building, features used, futuristic overview.

5) Activity 5: Prepare a Factfile

Make a handwritten fact file on 4 pages listing the importance of **nuclear energy**. Also collect details about nuclear power plant in India and explain about any one power plant with relevant pictures & information.

6) **Activity 6: Comic Strips on Energy Efficient Appliances**

Prepare a comic strip with a message to promote the use of energy efficient appliances and save the planet

7) **Activity 7: Table Calendar**

Design a table Calendar illustrating simple but highly effective energy saving habits to save and conserve energy for example:- use rechargeable batteries instead of disposable ones, turn off lights when not required etc..

HINDI

वैदिक सूक्तियाँ जीवन का आधार हैं। 'ऋग्वेद' की निम्न सूक्ति को जीवन में उतारते हुए अर्थ सहित कंठस्थ करके **A3** साइज रंगीन सीट पर लिखिए—'उपसर्प मातरम् भूमिम्' (मातृभूमि की सेवा करो) (कक्षा-7 सी, डी, रोल न0 1-20)

'भारत को पुनः विश्व गुरु' बनाने में नारी सशक्तिकरण ने महत्त्वपूर्ण भूमिका अदा की। 'लैंगिक असमानता' को समाप्त करने के लिए अनेक अभियान चलाए गए जैसे—'बेटी पढ़ाओ, बेटी बचाओ'। इस विषय को आधार बनाकर 200 शब्दों में **A3** साइज रंगीन सीट पर एक लेख लिखिए।(कक्षा-7 सी, डी, रोल न0 21- अंतिम)

FRENCH

- 1) Make a chart of body parts dialogue activity: Patient and doctor
- 2) **Scroll**: Make a beautiful scroll about French recipes: Draw or Paste the pictures and write which one you like the most. **Extra inputs: video recording of French recipe.**
- 3) **PPT**: Make a PPT about Indo-French relations be it political, cultural, educational etc.
- 4) Revise the syllabus of P.A.-1
- 5) Listen the audio of French Chapters - 0,1,2

ASN Senior Secondary School
MAYUR VIHAR - I
SUMMER VACATION REVISION ASSIGNMENT
(2018 - 19)

CLASS : VII
SUBJECT : ENGLISH

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- 1) Write a **Composition** on the topic given below in about 150 words { Hints : General Introduction, what is it, give details, how it will help, conclusion }
“If I could invent a new medicine, what kind of medicine I would make and why?”
- 2) You are the literary secretary of your school. Your English teacher has asked you to draft the **Notice** in about 50 words for an English Extempore Competition to be held next week. Invent all necessary details. Sign yourself as Aman/Anamika
- 3) **Fill in the blanks with the correct form of verbs given in the brackets:**
Louise Braille was three years old when he (a) _____ (lose) his eyesight as a result of an accident. His father (b) _____ (have) a leather shop. On the day of the accident Louis (c) _____ (play) in his father’s workshop and (d) _____ (imitate) his father at work. Louis (e) _____ (take) a sharp needle which (f) _____ (bounce) up and (g) _____ (pierce) one of his eyes. Although the doctors (h) _____ (do) their best, his eyes could not be saved.
- 4) **Do as directed:**
a) I have not met Ranjana _____ the holidays began. (fill conjunction)
b) Distribute the sweets _____ the children. (use Preposition)
c) The army found the ministers’s chopper. (use Adverb of time)
d) The sun _____ before we reached home. (rise)
e) Raman freed all the _____ birds. (fill adjective)
- 5) **Answer the following question on the basis of references given below :**
1) And when the falling forest
No longer crashed in warning
Each of us went from our hiding place
Forth in the wild wet morning
a) Who are referred to as ‘us’ in the above lines ?
b) Which poetic device is used in the above stanza ? Give Example
c) Explain the line – No longer crashed in warning.

2) "I have observed that you are one to be trusted."

a) Name the lesson from where the above extract is taken.

b) Who is speaking to whom?

c) What did the speaker observe?

d) Why was he looking for a trustworthy one?

2) What were the things that protected the poet in the poem, "A night with a Wolf" from the rough weather.

3) Why did the stranger blindfold the mason and lead him to the house through different routes?

6) Reading has been a source of knowledge, joy and courage since time immemorial. In the light of the above statement, read the story book, "Just so Stories" by Rudyard Kipling and write the book review in about 80 – 100 words.

SUBJECT : MATHS

Solve the following questions:

Q1) Find the difference between 61 and -13 .

Q2) Find the product of the numbers from -6 to 6 .

Q3) Find the range for the given numbers 29, 41, 56, 84, 79.

Q4) State whether $(-1)^3$ is a positive or a negative integer.

Q5) Name the three central tendencies.

Q6. Compare:

a) $75 + 98 + (-425)$ ----- $-561 + 31 + 127$

b) $-29 + 75$ ----- $75 + (-29)$

c) 4.3×10^4 ----- 3.01×10^{17}

d) 1.439×10^{12} ----- 1.4335×10^{14}

Q7. Write the numbers in exponential form:

a) $8 \times 8 \times 8$ with base as 2

b) $49 \times 49 \times 49 \times 49$ with base as 7

Q8. The 11 members in a cricket team scored 25, 39, 53, 18, 72, 0, 46, 31, 8, 34, 65 runs. Find the median.

Q9. The mean of 7 observations is 15. If the mean of first three observations is 14 and last three observations is 17, find the fourth observation?

Q 10. For what value of a, the mode of the following data is 11

7, 9, 11, 17, 19, 21, 9, $a - 4$

Q11. If 10, 13, 15, 18, $a + 1$, $a + 3$, 30, 32, 35, 41 are ten observations in an ascending order with median 24. Find the value of a.

Q12. Find the product using properties:

a) $-546 \times (-22) + (-546) \times (-78)$ (iii) -41×104

b) $199 \times 267 - (-267)$ (iv) $25 \times (-37) \times (-4)$

Q13. Simplify:

(i) $(3^{20} \div 3^{15}) \times 3^5$ (ii) $(3^0 + 2^0) \times 5^0$

(iii) $\frac{3 \times 7 \times 11}{21 \times 11}$ (iv) $[(2^2)^3 \times 3^6] \times 5^6$

(v) $(1/2)^{-2} + (1/3)^{-2} + (1/4)^{-2}$ (vi) $[(4)^2]^{1/2}]^{1/2}$

(vii) $2^{n-5} \times 6^{2n-4} = 1 / (12^4 \times 2)$. Find the value of n.

(viii) $7^8 \times a^{10} \times b^7 \times c^{12} / 7^6 \times a^8 \times b^{11} \times c^{12}$

(ix) $\{(6 \times 10) / (2^2 \times 5^3)\}^2 \times (25 / 27)$

(x) $4^3 \times 5^0 + (-3)^4 - 7^0$

Q14. A card is drawn from a pack of 52 playing cards. Find the probability of getting:

(i) a red card (ii) a King (iii) a card of spades

Q 15. A die is tossed once. Find the probability of getting

- (i) a number less than 3 (ii) a prime number.

Q16. What is the probability of a month to have 31 days if we pick a month from all the months of the year?

Q17. Express the numbers in scientific notation:

- a) The distance of the sun from the centre of milky way galaxy is estimated to be 300,000,000,000,000,000.
- b) A light year is about 9,467,500,000,000 kilometres.

Q18. The numbers 2,3,4,4,2x +1, 2x +1, 7,7,8 and 9 are written in ascending order. If median is 7. Find mode.

Q19. In a competition 5 marks are given for every correct answer and (-2)are given for every incorrect answer and no marks for not attempting any question .

- a) Anjali scored 20 marks .If he got 12 correct answers ,how many questions has he attempted incorrectly?
- b) Rohan scores -12 marks in this competition .If he got 4 correct answers, how many questions has he attempted incorrectly?

Q20. If we represent the distance above the ground by a positive integer and that below the ground by a negative integer , then answer the following:

- a) An elevator descends into a mine shaft at the rate of 4 metre per minute .What will be its position after one hour?
- b) If it begins to descend from 10 m above the ground ,what will be its position after 40 minutes from the ground?

SUBJECT : SCIENCE

Q1. Define the following terms

- | | |
|---------------------------|---------------|
| a) Nutrition | f) Scouting |
| b) Sericulture | g) Sorting |
| c) Symbiotic Relationship | h) Conduction |
| d) Reeling the silk | i) Convection |
| e) Shearing | j) Radiation |

Q2. Write two examples of each of the following—

- a) Useful fungi
- b) Insectivorous plant
- c) Organism showing symbiotic relationship
- d) Types of silk
- e) Two scale of measuring the temperature

Q3. Give reasons for the following

- a) Organisms need to take food.
- b) We prefer to wear light – coloured clothes in summer and dark - coloured clothes in winter.
- c) Sorter’s job in wool industries is considered as occupational hazard.
- d) Digital thermometers are used now – a - days to measure body temperature.

Q4. Differentiate between the following-

- a) Autotrophs and heterotrophs
- b) Parasites and saprotrophs
- c) Clinical and laboratory thermometer
- d) Sea breeze and land breeze

Q5. Answer the following questions-

- a) Name the modes of transfer of heat.
- b) Write two examples of conductors and insulators.
- c) Write the precautions to be followed during the use of clinical thermometers .
- d) Why do we wear light coloured clothes in summers?
- e) Write the equation of photosynthesis

Q6. Draw labelled diagram of land breeze and sea breeze .

SUBJECT : SOCIAL SCIENCE

SECTION –A (HISTORY)

Q1 Define (a) Archive

- (b) Periodization
- (c) Prashasti
- (d) Sultan

Q2. Explain the ritual of ‘Hiranya- garbha’

Q3. Which dynasties were involved in tripartite struggle ?For which prized area this battle

was fought?

Q4. Why temples were built or attacked by the rulers?

Q5. In southern kingdoms who could be a member of the sabha?

Q6. How the administration was organised under Cholas ?

Q7. Locate the followings on a political map of India.

a.Areas under Rashtrakutas , Cholas ,

b. Prayag .

c. Kanauj.

SECTION -B (CIVICS)

Q1. What is Democracy ?

Q2. What is meant by the term health ?

Q3 .What is Public health-care ?

Q4. Who was Rosa Parks ?

Q5. How can the attitude of the people towards Inequality Change ?

Q6. What challenges did Kerela make to improve the health situation of the people ?

Q7.Why it is the duty of the state to provide health care facilities to the citizens ?

Q8. Improvement in water and sanitation can control many diseases . Explain with the help of example ?

Q9. What are the advantages and disadvantages of a private hospital ?

SECTION –C (GEOGRAPHY)

Q1. Define: a. Environment

b. Ecosystem .

c. Fossils.

d. Minerals.

Q2. Give reason

(a) It is not possible to reach the centre of the earth.

(b) Humans change their environment.

Q3. Enlist the importance of Lithosphere.

Q4. Describe different layers of the earth's interior.

SUBJECT : COMPUTER

Q.I. Fill in the Blanks:

- a. A computer is a _____ machine that process row data.
- b. _____ is part of a computer system which we can see and touch.
- c. _____ part of computer used to feed data and instruction.
- d. _____ Scanner captures the highest resolution from an image.
- e. A set of instruction given to a computer to make it work is called _____

Q.II. Write Full Forms for the following:

1. RAM - _____
2. ROM - _____
3. CPU - _____
4. DVD - _____
5. PB - _____
6. MB - _____
7. ZB - _____
8. TB - _____
9. EB - _____
10. GB - _____

Q.III. Match the following:

- | | |
|--------------|----------------|
| 1. Projector | Processor |
| 2. Joystick | Storage device |
| 3. hard disk | Output device |

4. CPU

Input device

Q.IV Name the following:

1. An example of System Software - _____
2. An example of Application Software - _____
3. Any one application area of computer - _____
4. Any one basic operation that all types of Computer follows - _____

Q.V Answer the following questions:

1. Explain the working of computers?

2. Define printer and its type?

3. Briefly describe about computer's memory?

4. Name some input device of computer?

5.Name some output device of computer?

SUBJECT : FRENCH

Syllabus:Ch-0,1,2

1.Présentez votre Père!

2.Conjugez les verbes suivantes:

- a) Je _____ mes amis.(rencontrer)
- b)Vous _____ une chanson française.(chanter)
- c)Nous _____ les exercices.(finir)
- d)Il _____ ce pantalon.(choisir)
- e)Ils _____ la fiche.(remplir)
- f)Mohan _____ un crayon.(avoir)
- g)Teena _____ a l'examen.(reussir)
- h)Les pommes _____ en été.(rougir)
- i)Je _____ intelligent.(etre)
- j)Parul _____ la tele.(regarder)

3.Completez avec les pronoms sujets :

- 1)_____ sommes tres amis.

- 2) _____ s'appelle Nisha.
- 3) _____ êtes indien.
- 4) _____ choisissez cette robe.
- 5) _____ parlons au professeur.

4. Completez avec l'article défini :

- a) _____ garçon est petit.
- b) _____ table est noire.
- c) Ce sont _____ élèves.
- d) C'est _____ étudiante française.
- e) Nous avons _____ livres indiens.

5. Mettez au pluriel :

- a) Il a un crayon.
- b) Le garçon est sympathique.
- c) C'est une femme.
- d) L'œil est bleu.
- e) Le cheval est blanc.

6. Mettez au féminin.

- a) Le garçon est mécontent.
- b) Le grand-père est souriant.
- c) Le frère de Nita est triste.
- d) Il est jeune et actif.
- e) C'est garçon américain.

7. Mettez le dialogue en ordre :

- a) Moi, Je suis italien ; j'habite à Rome _____

b)Oui c'est vrai.

c)Je suis de Paris :je suis français. Et vous ?

d)Ah !C'est la ville capitale d'Italie :n'est - ce pas ?

e)Vous êtes d'où ?

8.Remplissez les blancs :

a)Nita habite en Inde .Elle est _____.

b)Ben habite en France.Il est _____.

c)Shiong habite en Chine.Il est _____.

d)Nous habite aux Etats-Unis.Nous sommes _____.

e)Sara habite en Espagne.Elle est _____.

9.Remplissez les blancs avec l'adjectif convenable :

1)La fille est _____(intelligent)

2)La maison est _____(grand)

3)L'homme est _____(sympathique)

4)Les amis sont _____(souriant)

5)Les crayons sont _____(blanc)

10.Repondez aux questions :

a)Nommez deux fromage francais.

b)Qu'est ce que c'est la Marseillaise ?

c)Nommez la monnaie europeenne.

d)Pourquoi on appelle la France l'hexagone ?

e)Nommez deux pays voisins de la France ?

SUBJECT : GERMAN

Q1. Ergänze : den, die, das.

- i) Ram sucht _____ Spitzer.
- ii) Ich brauche _____ Lineal.
- iii) Die Studenten kaufen _____ Landkarte.

Q2. Schreiben Sie die Artikel.

- i) Kuli
- ii) Saft
- iii) Mappe

Q3. Ergänzen Sie die richtige Form von Verb.

- i) _____ du etwas ? (essen)
- ii) Ich _____ Mathe schwer. (finden)
- iii) Wir _____ die Lehrerin. (suchen)
- iv) _____ ihr gern Pizza ? (essen)

Q4. Schreiben Sie die Wochentage.

Q5. Schreiben Sie die vier Adjektive.

Q6. Schreiben Sie eine Mail an Ben.

- i) Was hast du im Ferien gemacht ?
- ii) Wie geht es dir ?
- iii) Was machst du am Sonntag ?

SUBJECT : SANSKRIT

प्र01 अधोलिखितम् संवादम् पठित्वा प्रश्नानां उत्तराणि लिखत—

पिता— अंकित! उत्तिष्ठ । एषा प्रभाततवेला अस्ति ।सूर्योदयः भवति ।

पुत्रः—उत्तिष्ठामि पिताश्री! सादरम् नमामि ।

पिता— प्रातः जागरणम् स्वास्थ्याय हितकारी भवति ।

पुत्रः—भवान् कुत्र गच्छति?

पिता—अधुना अहम् प्रातः भ्रमणाय उद्यानम् गच्छामि ।

पुत्रः—अहम् अपि भवता सह चलामि ।

पिता— शोभनम् । प्रातःकालस्य भ्रमणेन शरीरम् बलिष्ठम् स्वस्थम् च भवति ।

यामिनी—सुगन्धे! त्वम् किम् करोषि?

सुगन्धा—अये यामिनी! आगच्छ! आगच्छ! अहम् तु दूरदर्शनम् पश्यामि ।

यामिनी—श्वः अहम् परिवारेण सह भ्रमणाय गमिष्यामि। किम् त्वम् चलिष्यसि?

सुगन्धा—न न, श्वः तु अहम् अपि पितृव्यस्य गृहम् गमिष्यामि।

यामिनी— किमर्थम्?

सुगन्धा—श्वः मम अनुजस्य जन्मदिवसः अस्ति।

1 एकपदेन उत्तरत—

क प्रातः भ्रमणेन शरीरम् कीदृशम् भवति?

ख यामिनी केन सह भ्रमणाय गच्छति?

ग सुगन्धा कुत्र गमिष्यति?

घ स्वास्थ्याय हितकारि किम् भवति?

ङ पितृव्यस्य गृहे कस्य जन्मदिवसः अस्ति?

प्र02(अ) मंजूषायाः उचितम् उत्तरम् चित्वा लिखत—

मंजूषा— केकम्, अकुलस्य, गीतम्, अकुलाय, मित्राणि

क कस्य जन्मदिवसः आसीत्?

ख जन्मदिवसे के आगच्छन्?

ग मित्राणि कस्मै उपहारम् आनयन्?

घ अकुलः किम् अकर्तयत्?

ङ सुकृतिः दीपिका च किम् अगायताम्?

(ब) मंजूषायाः उचितम् उत्तरम् चित्वा लिखत—

मंजूषा— लेखिष्यामः, गच्छावः, नेष्यामि, स्मरिष्यथः, रचयति

क आवाम् मातुलस्य गृहम्

ख कुम्भकारः कुम्भम्

ग युवाम् पाठम्

घ अहम् आपणात् फलानि

ङ वयम् लेखान्

प्र03 निम्नवाक्यानाम् निर्दिष्ट लकारे परिवर्तनम् कुरुत—

क वयम् कन्दुकेप क्रीडामः। (लृट्).....

ख जनकः आपणम् गमिष्यति। (लट्).....

ग छात्राः ज्ञानवर्धकानि पुस्तकानि पठन्ति। (लृट्).....

घ वयम् प्रसन्नाः भवामः। (लृट्).....

ङ त्वम् निर्मलम् जलम् पास्यसि। (लट्).....

प्र04 अधोलिखितानां वाक्यानां निर्देशानुसारं वचनं परिवर्तनम् कुरुत—

क ताः अध्यापिकाः गच्छन्ति ।	(एकवचने).....
ख तौ भोजनम् खादिष्यतः ।	(बहुवचने).....
ग वयम् राष्ट्रध्वजम् नमामः ।	(एकवचने).....
घ नरः भिक्षुकाय भिक्षाम् यच्छति ।	(द्विवचने).....
ङ युवाम् चित्रम् पश्यथः ।	(बहुवचने).....

प्र05 'क' स्तम्भस्य कर्तृपदानि 'ख' स्तम्भस्य क्रियापदैः सह मेलनम् कुरुत—

'क'	'ख'
क गुरुः	सरोवरे अतरन् ।
ख शिशवः	रामेण सह वनम् अगच्छत् ।
ग सैनिकौ	शिष्यान् उपादिश
घ सीता	भोजनम् अखादन् ।
ङ मीनाः	शत्रुभ्यः देशम् अरक्षताम् ।

प्र06 उचितम् उत्तरम् चित्वा रिक्तस्थानानि पूरयत—

अ छात्रः कक्षाम्	(क) प्रविशत्	(ख) प्रविशत्	(ग) प्राविशत्
ब रामलक्ष्मणौ वनम्	(क) अगच्छत्	(ख) अगच्छन्	(ग) अगच्छताम्
स अतुलः निर्मलम् जलम्	(क) अपिबत्	(ख) अपिबः	(ग) अपिबन्
द नराः उद्याने	(क) अभ्रमत्	(ख) अभ्रमन्	(ग) अभ्रमः