

D.A.V. CENTENARY PUBLIC SCHOOL

SEC- 6, BAHADURGARH,
CLASS-VIII SUMMER HOLIDAYS HOMEWORK (2026-27)



“A vacation helps to relieve stress and boredom, gives us a change of scenery, provides us with adventure, and helps to bring us closer to the people in our lives.”

By :- E. S. Woods

Dear Students,

Warm Wishes!

We pray and wish the best of health and cheerful times to you. Vacations is a time that we all eagerly wait for. We all make plans to enjoy, to relax and to empower ourselves during these days. This summer vacation the holiday homework is designed for you all to achieve the motto of " Fun and Learn".

The activity based assignments will foster curiosity, develop creativity and instill the joy of learning among you all. So, make sure you extract the maximum benefit out of these holidays.

Summer Tips:

- ❖ **Start your day with gratitude and prayers.**
- ❖ **Exercise daily and practice meditation.**
- ❖ **Assist your mother in household chores.**
- ❖ **Pledge for "Eat Right"- Less Sugar, Less Oil and Less Salt**
- ❖ **Wash hands frequently, especially before and after meals**
- ❖ **Read newspaper daily and stay updated with current affairs.**
- ❖ **Water the plants and rejoice the beauty of nature**

Instructions:

1. Students have to do their holiday homework in the assigned notebooks.
2. GK, Naitik Shiksha and Computer holiday homework has to be done in the fair notebooks.

ENGLISH

1. LANGUAGE SKILLS TASKS

A. Reading Comprehension

- Solve the first 5 comprehension passages from the compacta book.

B. Grammar Revision Worksheets

• Tenses

- i) By the time we reached the cinema hall, the movie ____ already _____. (begin)
- ii) Riya usually ____ milk before going to school. (drink)
- iii) They ____ football in the playground when it suddenly started raining. (play)
- iv) I ____ this novel for the last two weeks. (read)
- v) My brother ____ his homework before the guests arrived. (finish)

• Subject-Verb Agreement

- i) Each of the players ____ responsible for bringing his own kit. (is/are)
- ii) Neither the teacher nor the students ____ willing to cancel the trip. (was/were)
- iii) Bread and butter ____ my favourite breakfast. (is/are)
- iv) A bouquet of roses ____ lying on the table. (was/were)
- v) The quality of the mangoes ____ excellent this season. (is/are)

C. Vocabulary Builder

Create a Vocabulary Tree on an A4 sheet:

- Write 20 new words learnt during holidays
- Include meaning, synonym, antonym, one sentence using the word

Paste the sheet in your assignment notebook.

2. LITERATURE ENRICHMENT

Read chapters 1-5 of the Literature book.

Prepare an attractive Mind Map/Web Chart for chapter 3 & 5 including characters, theme, moral, important events, favourite lines.

(Use colours, sketches and symbols creatively)

3. READER BOOK ACTIVITY

Read Units 1 to 4 of the Reader Book and complete:

- All textual exercise
- Vocabulary taste
- Short answer questions

4. CREATIVE ENGLISH JOURNAL

“MY MINI ENGLISH JOURNAL”

Create a small handmade booklet/file containing the following:

- A creative Cover Page (give your journal an interesting title)
- My Travel/Postcard Page (a place you visited or dream destination)
- Self-Written Creative Piece (write any one: Short story, Poem, Comic strip etc.)
- Fun With Language

(Include:

- 5 Idioms with illustrations
- 5 Proverbs with meanings
- 5 Tongue Twisters)

- **Advertisement Corner**

(Design:

One advertisement for a healthy drink

Or

One advertisement for a summer camp)

5. READING CHALLENGE

Choose any one reading piece during the holidays. (You may select: a newspaper article, a short story, a comic, a magazine article etc.)

After reading such a piece, complete the following in your notebook:

A. Quick Review Card

Write:

- Title of the reading piece
- Name of the author/source
- Favourite line
- What you learnt from it

HINDI

1. अब तक करवाए गए सम्पूर्ण पाठ्यक्रम की पुनरावृत्ति करें।

2. प्रतिदिन पठन अभ्यास का अवश्य करें।

3. निम्नलिखित विषयों में से किसी दो विषयों पर संक्षिप्त विवरण लिखिए

* पारिवारिक संस्कार एवं बदलती जीवन शैली

* गुरुकुल शिक्षा एवं डिजिटल शिक्षा

* एकल परिवार या संयुक्त परिवार के महत्व

4. साहित्यिक अभिव्यक्ति

क) कविता लेखन

‘भारतीय संस्कृति’ और ‘नई पीढ़ी’ के विषय पर 10 पंक्तियों की कविता लिखिए

ख) संवाद लेखन

एक विद्यार्थी और शिक्षक के मध्य दस पंक्तियों का संवाद लिखिए।

विषय –

* मोबाइल का प्रभाव

या

* अनुशासन का महत्व

5. वर्किंग मॉडल

निम्न विषयों में से किसी एक पर छोटा एवं रचनात्मक मॉडल तैयार कीजिए।

विषय –

* योग एवं स्वस्थ जीवन

* प्रकृति के समीप वैदिक जीवन

6. अवलोकन गतिविधि–

* अपने आसपास के वृद्धाश्रम का अवलोकन कीजिए और उनके जीवन के बारे में जानकारी एकत्र कीजिए और उन्हें लिखिए।

7. रचनात्मक लेखन

* ग्रीष्मावकाश की किसी एक स्मरणीय घटना का 80 से 100 शब्दों में वर्णन कीजिए तथा उनसे प्राप्त शिक्षा भी लिखिए।

MATHS

1. A contractor with a workforce of 420 men can complete a work of construction of a building in 9 months. Due to the request by the owner, he was asked to complete the job 2 months before the scheduled time. How many extra men he must employ to complete the job?
2. A train 270 m long is running at 80 km/hr. How much time will it take to cross a platform 130 m long?
3. Write in standard form and also find the sum of the degrees of the polynomials $4p + 15p^6 - p^5 + 4p^2 + 3$
4. Write the polynomial $(x^3 - 1)(x^3 - 4)$ in standard form.
5. Coordinates of two points P and Q respectively are (2, 3) and (4, 5). Find the value of (abscissa of P - ordinate of Q)
6. The angles of a triangle are in the ratio 2:3:4. Find the difference between the greatest and smallest angle.
7. Using long division method solve and verify: $8x^3 - 47 - 48x^2 + 64x$ by $2x - 9$
8. Find the least square number which is exactly divisible by each of the numbers 8, 12, 15, 20.
9. On a graph paper, plot the points P(3,1) Q(7, 1) R(7, 4) and S(3, 4). Connect the points in that order so as to get a closed figure PQRS. What type of quadrilateral do you get also find the area of the figure so formed.
10. Plot the points A (2, 2), B (5, 2) and C (3, 5) on the graph paper. Connect each pair so as to get a closed figure. Find the area of the figure so formed.
11. On a Cartesian plane, draw a square ABCD whose 3 vertices are A(2, 3), B(5, 3) and D(2, 6) Find the co-ordinates of the vertex 'C'. Also, find its area.
12. Find the difference between the quotient and remainder when $(x^3 - 6x^2 + 11x - 6)$ is divided by $(x + 1)$.
13. Divide the polynomial $-14x + 20x^2 - 12x^3 + 6$ by $2x$.
14. During a mass drill exercise 6250 students of different schools are arranged in rows such that the number of students in each row is equal to the number of rows. In doing so the instructor finds out that 9 children are left out. Find the no. of children in each row of the square.
14. Divide the polynomial $8x^2 + 2x^4 + 7x^2 + 4x + 3$ by $x + 3$, to get quotient and the remainder.
15. Simplify and find the value of x:
$$\frac{2x + 5}{3x - 10} = 3$$

Revise the work done Chapter 1,2,4,13,8.

SCIENCE

1. Draw the various parts of the cell on an A4 size sheet and explain their functions in a holiday homework notebook.
2. Name any five types of cell in the human body and mention their shape also.
3. State the following terms:
 - a) Extremophiles
 - b) Hypothermophiles
 - c) Hypoliths
 - d) Cryophiles
4. Visit a nearby health centre, or contact a doctor. Find out the names of diseases for which vaccinations are available and the age at which they have to be given to the child.
5. You place a clean Iron nail in a blue Copper Sulphate solution. After 20 minutes, the solution turns light green.
 - a) Name the new green substance formed in the solution.
 - b) If you placed a Copper wire in an Iron Sulphate (green) solution instead, would you

see a color change? Why or why not?

6. You build a circuit with a bulb and a battery. You test a piece of coal, a diamond, and a pencil lead (graphite).

a) In which case(s) will the bulb glow?

b) Name the non metal which is the best conductor of electricity?

7. Activity: Stand on loose sand with both feet. Now, stand on the same sand on only one foot.

a) In which case is the impression in the sand deeper?

b) Why do cars have very wide tyres?

8. Write the difference between a plant cell and animal cell.

9. Which chemical is used in staining to prepare a slide of onion peel?

10. Why are we not crushed by atmospheric pressure?

SOCIAL SCIENCE

Section A – History

1. Prepare a chart showing the following revenue system

Zamindari system

Ryotwari system

Mahalwari system

Section B – Geography

1. Explain the importance of:

- Natural resources
- Human resources
- Conservation of resources

2. Make a poster on:

“Save Water, Save Earth”

3. Collect pictures of renewable and non-renewable resources and paste them in your notebook.

4. Differentiate between:

- Renewable and non-renewable resources
- Biotic and abiotic resources

Section C – Civics

1. Write six Fundamental Rights given in the Constitution of India.

2. Prepare a flowchart showing:

- Legislature
- Executive
- Judiciary

3. Write a paragraph on:

“Why is our Constitution important?”

Section D – Activity Work

1. Make a handmade model or collage on any one topic:

- Ancient kingdoms
- Types of resources
- Indian Constitution

2. Learn and write 10 important SST terms with meanings.

3. Read one chapter of SST daily and prepare:

- 5 MCQs
- 5 True/False
- 5 Assertion– reasoning

SANSKRIT

प्रश्न 1 अधोलिखितां कथां मञ्जूषायाः सहायतया पूरयित्वा लिखत-

मञ्जूषा — (काकः, चटका, स्तः, परिभ्रम्य, दृष्ट्वा, रचयिष्यावः, आगच्छताम्)

एकः _____ आसीत्। एका _____ आसीत्। एते द्वे मित्रे _____। एकदा इतस्ततः _____ तौ एकस्मिन् वृक्षे निर्मितम् एकं सुन्दरं गृहं अपश्यताम्। सुन्दरं गृहं _____ तौ अविचिन्तयताम् — “किमर्थं न आवाम् अपि एतादृशं सुन्दरं गृहं _____?” इति चिन्तयित्वा स्वनिवासम् _____।

2

मञ्जूषा — (मृत्तिकया, तृणैः, भीषणे, नष्टम्, चिन्तयति, गच्छति, उष्णा)

काकः वृक्षे _____ सुन्दरं गृहं निर्मितवान्। चटका _____ स्वगृहं निर्मितवती। एकदा _____ ग्रीष्मकाले सर्वत्र शुष्कम् अभवत्। सर्वे दुःखिनः आसन्। चटकायाः गृहम् अपि _____ अभवत्। सा खिन्ना आसीत्। सा _____ — “किं करोमि?” परन्तु काकस्य गृहं न नष्टम्। तत् तु मृत्तिकया आसीत्। चटका चिन्तयित्वा काकस्य गृहं _____। चटका काकं कथयति — “भातः! अस्मिन् भीषणे ग्रीष्मकाले मम गृहं नष्टम् अभवत्। सर्वत्र _____ अस्ति। मह्यं स्वगृहे शरणं यच्छ।”

प्रश्न 2 मञ्जूषातः उचितम् अव्ययपदं चित्वा वाक्येषु रिक्तस्थानानि पूरयित्वा लिखत

(यदा, तदा, कदा, वृथा, शनैः, बहिः, उच्चैः)

1. _____ शिक्षकः आगच्छति, _____ छात्राः उत्तिष्ठन्ति।
2. त्वं _____ विद्यालयं गच्छसि ?
3. _____ समयं न नयेत्।
4. वृद्धः पुरुषः _____ चलति।
5. बालकाः _____ क्रीडन्ति।
6. छात्रः _____ पाठं पठति।
7. _____ वर्षा भवति, _____ मयूरः नृत्यति।

प्रश्न 3 उपसर्ग पृथक् कुरुत

1. उपकारः — _____
2. पराजयः — _____
3. निष्क्रमति — _____
4. अभिगच्छति — _____
5. सुलेखः — _____
6. दुर्जनः — _____
7. प्रतिगच्छति — _____
8. अवतारः — _____
9. उत्पतति — _____
10. संयोगः — _____

प्रश्न 4 प्रत्यय लिखत

(क्त्वा, तुमुन्, ल्यप्)

1. गत्वा — _____ + क्त्वा
2. पठितुम् — _____ + तुमुन्
3. लिखित्वा — _____ + क्त्वा
4. आगत्य — _____ + ल्यप्
5. द्रष्टुम् — _____ + तुमुन्
6. कृत्वा — _____ + क्त्वा
7. उपविश्य — _____ + ल्यप्
8. भोक्तुम् — _____ + तुमुन्
9. श्रुत्वा — _____ + क्त्वा
10. समागत्य — _____ + _____

प्रश्न 5 उपपद-विभक्ति

(सह, प्रति, विना, परितः, धिक्, अभितः, उभयतः)

1. रामः सीतया _____ विद्यालयं गच्छति।

2. छात्राः गुरुम् _____ उतिष्ठन्ति।
3. _____ ज्ञानं जीवनं अन्धकारमयम्।
4. वृक्षं _____ बालकाः क्रीडन्ति।
5. _____ तं दुर्जनम्।
6. मार्गम् _____ वृक्षाः सन्ति।
7. नदी _____ ग्रामौ स्तः।

प्रश्न 6 रिक्तस्थानानि पूरयित्वा अधोलिखितं संवादं लिखत-

तरुणः शुभ्रे ! तव प्रियपुस्तकं किम् अस्ति?

शुभ्राः - (i)-----।

तरुणः रामायणस्य रचयिता कः अस्ति?

शुभ्राः - (ii) -----।

तरुणः -रामायणे कस्य वर्णनम् अस्ति?

शुभ्राः- (iii) -----। किं त्वं रामायणं न पठसि?

तरुणः अहं रामायणं पठामि परन्तु सदा न।

शुभ्राः -वदतु, रामः कस्य पुत्रः आसीत् ?

तरुणः- (iv)-----।

शुभ्राः -तव प्रियपुस्तकं किम् अस्ति?

तरुणः- (v)-----।

शुभ्राः - अतीव शोभनम् । पुनः मिलित्वा श्रीमद्भगवद्गीतायाः उपरि चर्चा करिष्यावः।

तरुणः- अस्तु, धन्यवादः ।

मञ्जूषा

रामायणे श्रीरामस्य वर्णनम् अस्ति।

मम प्रियपुस्तकं श्रीमद्भगवद्गीता अस्ति।

रामायणस्य रचयिता महर्षिः वाल्मीकीः अस्ति ।

मम प्रियपुस्तकं रामायणम् अस्ति।

रामः अयोध्यायाः नृपस्य दशरथस्य पुत्रः आसीत्।

प्रश्न 7 अघः प्रदत्तं चित्रं दृष्ट्वा मञ्जूषायां प्रदत्तपदानां सहायतया संस्कृतेन पञ्च वाक्यानि लिखत



मञ्जूषा

नदी, जनाः तरन्ति वार्तालापम्, क्रीडत, नदीतीरे, वृक्ष, वृक्षस्य, व्यायामम्, शीतलम्, जलम्, अधः नद्याम्
प्रश्न 8 Pt2 के पाठ्यक्रम की पुनरावृत्ति करें।

Part A – Famous Personalities Project
Choose any ONE personality from the list below:

A. P. J. Abdul Kalam
Rani Lakshmbai
Swami Vivekananda
Kalpana Chawla
Subhas Chandra Bose
Project should include:

Early life
Major achievements
Interesting facts
Inspirational quote
Draw or paste pictures
Write 5 things you learned from their life

NAITIK SHIKSHA

1. चारों वेदों के नाम लिखिए और प्रत्येक वेद के मुख्य विषय को एक-एक पंक्ति में स्पष्ट कीजिए।
2. वैदिक संस्कृति का अर्थ तथा इसकी प्रमुख विशेषताएं तथा आधुनिक समाज में उसकी उपयोगिता अपने शब्दों में लिखिए।
3. कोई एक सरल वैदिक श्लोक या मंत्र लिखकर उसका अर्थ लिखिए।
4. कक्षा में पढ़ाए गए पाठ 1 से 4 दोहराए।
5. आर्य समाज के एक से 10 तक नियम याद करें।

COMPUTER

1. Learn Chapter 2 and 9

2. Do the following questions in the fair computer file :

- Differentiate between
 1. Static and dynamic webpage
 2. Attributes and tags
 3. Empty and container tags.
 4. Client and server
- Design a webpage using all the tags studied in chapter 2, also write the HTML code in fair notebook and draw the output screen as well.
- What is the extension to save a HTML file?
- Name the WYSIWYG editors for HTML.
- Name 5 web browsers which are used to view the result of HTML code
- Rahul is confused between webpage and website. Help him by writing three points of difference.
- Which HTML tag is used in place of enter key?
- Name a HTML tag that does not function without its attributes.
- Give 5 examples each of container and empty tags.
- Which HTML tag is used to give motion to text. Write its syntax.
- State the areas where you use the following devices: Router, Switch, Repeater, Modem.
- Define Cyber Crime and cyber law.
- Why are the children cyber bullied? (Give any two reasons). Write the precaution which can be taken to prevent the children from cyber bullying.
- Name any five types of cyber crime.

3. Project work as per roll numbers to be done on A4 size sheet:

1-10 : Draw a model showing the types of networks based on the geographical area.

11-20 Draw a model showing any 4 wireless media technologies.

21-30 : Draw a model showing connection technologies Like cables, DSL, 3g, 4g etc

31-40 : Draw a model showing a client server architecture technology.

41-last : Draw a model showing wired media technology (twisted pair cables, coaxial

cables, fibre optic cable)

DRAWING

1. Colouring in step by step book pg till 1-15.
2. Draw book pages in file from pg no 1-10.
3. Draw a madhubani paintings on card board (size A3).

