

**DAV VEDANTA INTERNATIONAL SCHOOL, LANJIGARH**  
**SESSION 2026 - 2027**  
**HOLIDAY HOMEWORK**  
**STD - VIII**

**SUBJECT- ENGLISH**

**1. Handwriting:** Write one complete page each day in English in good handwriting: It should be date wise starting from 01-05-2026 to 17-06-2026

**2. Enlist at least 50 verbs and write all the FIVE forms of each verb.**

Viz. V1    V2    V3    V4    V5  
Go        went    gone    going    goes

**3. Write 10 sentences of each of the following Tenses:**

- |                                |                                |
|--------------------------------|--------------------------------|
| i. Simple Present              | vii. Past Perfect              |
| ii. Present Continuous         | viii. Past Perfect Continuous  |
| iii. Present Perfect           | ix. Simple Future              |
| iv. Present Perfect Continuous | x. Future Continuous           |
| v. Simple Past                 | xi. Future Perfect             |
| vi. Past Continuous            | xii. Future Perfect Continuous |
- (Include Affirmative, Negative, Interrogative sentences in each type)

**4. Write Articles on the following Topics:**

- i. Generation Gap
- ii. Importance of Games and Sports

**5. Write NOTICES on the following headings-**

- i. To organise Plantation Drive by Sruti/Surya - Head boy/Girl
- ii. To organise Inter-House Cricket match by Sukumar/Sunaina- Sports Secretary

**SUBJECT- HINDI**

**प्रश्न. 1** 'हम पंछी उन्मुक्त गगन के ' कविता का भावार्थ अपने शब्दों में लिखिए ।

**प्रश्न. 2** 'र' के विभिन्न रूपों से निर्मित शब्दों की सारणी बनाइए ।

**प्रश्न. 3** अभिप्रेरित करने वाली एक स्व रचित कविता लिखिए ।

**प्रश्न. 4** अनुच्छेद लिखिए -

क ) वर्तमान समय में संगणक (कंप्यूटर ) की भूमिका

ख ) देश की उन्नति में युवाओं का योगदान

**प्रश्न. 5** आपका मित्र जॉन कनाडा में रहता है, उसे ओड़िशा की संस्कृति और धरोहर के बारे में बताते हुए पत्र लिखिए ।

## SUBJECT- ODIA

### 1. ରଚନା ଲେଖା

- କ) ଓଡ଼ିଶାର ପର୍ବପର୍ବାଣି  
ଖ) ବ୍ୟାୟାମର ଉପକାରिता  
ଗ) ମାନବ ସେବାରେ ବିଜ୍ଞାନ

### 2. ଦରଖାସ୍ତ ଲେଖା

କ) ତୁମ ଅଞ୍ଚଳରେ ବାରମ୍ବାର ବିଜୁଳି କାଟି ର ପ୍ରତିବାଦ ଜଣାଇ ବିଭାଗୀୟ ମୁଖ୍ୟଙ୍କ ନିକଟକୁ ଦରଖାସ୍ତ ଲେଖା।

ଖ) ତୁମ ଗ୍ରାମରେ ପାଠାଗାର ପ୍ରତିଷ୍ଠା ନିମନ୍ତେ ଜିଲ୍ଲାପାଳଙ୍କ ନିକଟକୁ ଦରଖାସ୍ତ ଲେଖା।

### 3. ନିମ୍ନରେ ଦିଆଯାଇଥିବା ଉତ୍କଳର ବରପୁତ୍ର ସମ୍ପର୍କରେ ବିବରଣୀ ପ୍ରସ୍ତୁତ କରି ଚିତ୍ର ସହ ଦର୍ଶାଅ।

- କ) ବକ୍ସି ଜଗବନ୍ଧୁ ଖ) ଚନ୍ଦନ ହଜୁରୀ ଗ) ଧର୍ମପଦ ଘ) ବାଜିରାଉତ

## SUBJECT- SANSKRIT

1. किम् शब्दरूपं लिखन्तु । (त्रिषु लिङ्गेषु)
2. अस्मद, युष्मद शब्दरूपं स्मरन्तु ।
3. दृश धातोः -धातुरूपं लिखन्तु । (लट्, लोट्, लङ्ग, विधिलिङ्ग, लृट्)
4. संस्कृत पुस्तकस्य page-१४३,१४४,१४५ रिक्तस्थानानि पूरयन्तु ।
5. पृष्ट संख्या १५१, १५२ पश्यन्तु चित्रं दृष्ट्वा लिखन्तु ।
6. भ्र|रतस्य मानचित्रे प्रमुखा नदी दर्शयित्वा तासां नामानि लिखन्तु ।
7. क्षमस्व महर्षे इति पाठस्य पठन अभ्यासं कुर्वन्तु ।
8. एकतः शतं पर्यन्तं संख्या स्मरन्तु ।

## SUBJECT- MATHEMATICS

1. Find the square of the given numbers:-
  - (a)  $97^2$
  - (b)  $101^2$
  - (c)  $1001^2$
  - (d)  $105^2$
  - (e)  $111^2$
  - (f)  $10101^2$
  - (g)  $1111^2$
  - (h)  $123^2$
  - (i)  $999^2$
  - (j)  $1001001^2$
2. By using Prime factorization find the square root of given Numbers:-
  - (a) 225
  - (b) 15625

- (c) 2025
- (d) 324
- (e) 4356
- (f) 2304
- (g) 3136
- (h) 4096
- (i) 21,904
- (j) 83,521

3. By using Repeated Subtraction Method find the Square root of given Numbers:-

- (a) 256
- (b) 144
- (c) 81
- (d) 169
- (e) 225
- (f) 121
- (g) 400
- (i) 441
- (j) 289

4. By Using Log division method find the square root of given numbers is:-

- (a) 15,625
- (b) 12,100
- (c) 34,596
- (d) 60,516
- (e) 38,809
- (f) 122500
- (g) 20,449
- (h) 27.225
- (i) 169744
- (j) 48,841

(6) Find the value of: -

- (a)  $\sqrt{77284} + \sqrt{64516}$
- (b)  $\sqrt{13,456} + \sqrt{35,344}$
- (c)  $\sqrt{45,369} + \sqrt{61,009}$
- (d)  $\sqrt{70,756} + \sqrt{86,436}$
- (e)  $\sqrt{1,43,641} + \sqrt{2,05,209}$

(7) Write a Pythagorean triplet by using

- (a) One number is 9.
- (b) One number is 24.
- (c) One number is 16.
- (d) One number is 7.
- (e) One number is 21.

(8) Find the smallest perfect square divisible by 3,4,5 and 6.

(9) Find the smallest perfect square divisible by 10,15,20 and 25.

(10) Simplify:-

- (a)  $\sqrt{64} + \sqrt{0.64} + \sqrt{0.0064}$
- (b)  $\sqrt{248 + \sqrt{52 + \sqrt{144}}}$
- (c)  $\sqrt{10 + \sqrt{25 + \sqrt{108 + \sqrt{154 + \sqrt{225}}}}}$
- (d)  $\sqrt{900} + \sqrt{0.09} + \sqrt{0.000009}$
- (e)  $\sqrt{0.0025} \times \sqrt{2.25} \times \sqrt{0.0001}$

(11) Find the value of  $x$  :-

(a)  $\frac{x}{\sqrt{2.25}} = 550$

(b)  $\sqrt{1369} + \sqrt{0.0615 + x} = 37.25$

(c)  $\sqrt{x - 2.25} = 2.25$

(d)  $\sqrt{15 + x\sqrt{25}} = 5$

(e)  $140\sqrt{x} + 315 = 1015$

(12) Find the smallest six digit Perfect Square number.

(13) Which smallest number should be divided to 3375 to get a perfect square?

(14) Which smallest natural number should be multiplied to 243 to get perfect square?

(15) A perfect square of a number is 8 times of the given number. Find the number.

## **SUBJECT- SCIENCE**

### **PHYSICS:**

1. Draw a chart of contact and non-contact forces with examples.
2. Make a working model of Hydraulic Lift by searching from different sources.

**OR**

Make a colourful fountain by using concept of water pressure due to the height of water column to demonstrate in front of students in the class.

3. Define balanced and unbalanced forces with suitable examples. Also mention their effects.
4. State the relationship between pressure and area, express it mathematically .How would the pressure change if the area is made half keeping the thrust constant.
5. Write all the properties of liquid pressure.

### **CHEMISTRY:**

1. Why does a candle flame produce soot when the air supply is limited?
2. Why are fire alarms important in public places?
3. A family uses coal for cooking in a closed room. After some time, they feel dizzy and suffocated.
  - a) What could be the reason?
  - b) Name the harmful gas produced.
  - c) Suggest a safety measure.
4. During a fire accident, firefighters use sand and CO<sub>2</sub> instead of water in some cases.
  - a) Why is water avoided?
  - b) How does sand help?
5. Project work on Different zones of candle flame using waste materials.

### **BIOLOGY:**

**Answer the following questions: - (DO in the Biology copy, Write Questions with Answers with date and index)**

Q1) Boojho wants to know why Paddy plant cannot be grown in the winter season. Give reasons.

Q2) One day Paheli saw her mother put some gram seeds in a vessel and pour some water on them. After a few minutes some seeds started to float on the top. She wondered why some seeds floated on the top. Explain.

Q3) Explain how fertilisers are different from manures.

Q4) If Wheat is grown in Kharif season what would happen? Discuss.

Q5) Write a paragraph on your own words on each of the following-

(a) Preparation of Soil (b) Sowing (c) Weeding (d) Threshing

**Subject Enrichment Activities: (Compulsory for all)**

1) Collect and paste wrappers of preservatives used in various food products on an A4 size paper. Give the date.

2) **Mind-Map** of the chapter Microbes friends and foes on an A4 size paper. Give the date.

3) **Stick puppets of various cell organelles** maximum height 15cms including the stick (any 3 cell organelles of your choice) from Chapter-1 The Cell - Its structure and function.

4) Poster on a **A4 size drawing sheet (not paper)** on the topic "**SAY NO TO DRUGS**". Give the date.

**SUBJECT- SOCIAL SCIENCE**

1. Prepare a pictorial chart showing the classification of resources giving at least a suitable example of each resource. (Geography)

2. Prepare a poster on soil conservation and water conservation with the slogan. (Geography)

3. Flow chart on the three periods of Indian History. (History)

4. Venn diagram on positive and negative impact of British education policy. (History)

5. Flow chart on basic features of the constitution. (DP)

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