

# DAV PUBLIC SCHOOL BALLABHGARH

HOLIDAY HOME-WORK, SESSION 2021-22

CLASS VIII

SUBJECT : MATHEMATICS

## ASSIGNMENT- 1, SQUARES & SQUARE ROOTS

- How many non-square numbers lie between  $23^2$  and  $25^2$  ?  
(i) 42 (ii) 50 (iii) 46 (iv) 44
- Find value of  $\sqrt{1.6} \times \sqrt{0.9}$ .  
(i) 1.2 (ii) 12 (iii) 0.12 (iv) 0.012
- Which is the smallest 4-digit perfect square number ?  
(i) 1000 (ii) 1024 (iii) 1025 (iv) 1016
- What will be the value of x in Pythagorean triplet ( 12, 16, x ) ?  
(i) 18 (ii) 22 (iii) 20 (iv) 24
- 25 can be expressed as the sum of first ..... consecutive odd numbers.  
(i) 3 (ii) 4 (iii) 5 (iv) 6
- Find the square root of 4096 by prime factorization .
- By what number should 9408 be divided so as to make it a perfect square. Also find the square root of number so formed.
- Find the square root of 278784 using long division method. Hence find the square root of 27.8784.
- Find the square root of 6.0516.
- What should be added to 33480 to make it a perfect square.
- While arranging 1400 pots in such a way that number of rows and number of pots in each row are equal, 31 pots are left. Find the number of pots in each row.
- Find the square root of  $5/7$  correct to two places of decimal.
- Simplify:  
$$\frac{\sqrt{2304} + \sqrt{441}}{\sqrt{2304} - \sqrt{441}}$$
- Find the value of  $\frac{\sqrt{864}}{\sqrt{384}}$ .
- The length of a rectangular park is 80 m and breadth is 60 m. Find the length of its diagonal.

## **Class VIII, Holidays Homework**

### **Subject: English**

#### **CREATIVE TASK**

**( 1 to 10 June)**

Prepare magazine with written content and pictures based on MY ENGLISH READER Units as per roll numbers provided below. You may collect the information related to each unit from newspapers/ net/ or any other online source.

Roll no. 1- 20- Changing Times & Sports

Roll no. 21 -35 - Compassionate Souls& Tolerance

Roll no. 36 - 50- Nature & Enterprise

**(11 to 21 June)**

#### **WRITING TASK**

Write the following topics in your English Practice Notebook in 120 words:

- \* Tradition against Modernity
- \* Media- Impact on Teenagers
- \* The Concept of fun- filled Vacation has Changed
- \* Role Models can influence lives.
- \* Success comes to those who will and dare

**(22- 30 June)**

#### **General Grammar and Language learning and practice**

**\* Write Synonyms and Antonyms of the following:**

Abrupt

Accede

Adept

Adhere

Alleviate

Analogy

Annihilate

Blatant

Bliss

Brandish

Catastrophe

Countenance

Deference

Efficacy

Decorum

Endorse

Pretence

Rupture

Radiance

Judicious

**\* Write meanings of the following idioms and use them in sentences of your own.**

\* Ace up your sleeve

\* Add fuel to the fire

\* Ants in your pants

\* Apple of your eyes

\* To face the music

\* To feather one's own nest

\* To find fault with

"To cut the quick

\* To fight shy of

\* To flog a dead horse

\* Catch you later

\* Chill out

\* Clear the deck

\* Chew your cud

\* Burn the candle at both ends

# ग्रीष्मकालीन गृहकार्य

## विषय-हिन्दी

### कक्षा-आठवीं सत्र- 2021-22

**प्र01-** निम्नलिखित काव्यांश के आधार पर प्रश्नों के उत्तर लिखिए-

कोचवान की काली-सी चाबुक के बलपर

वो बढ़ता जा रहा था

धूम-धूम जो बलखाती थी सर्प सरीखी

बेदर्दी से पड़ती थी दुबले घोड़े की गरम पीठ पर

भाग रहा वह तारकोल की जली

अँगीठी के ऊपर से

- I. घोड़ा किसके बल पर आगे बढ़ रहा था ?
- II. तारकोल की जली अँगीठी का क्या आशय है ?
- III. सर्प सरीखी का क्या अर्थ है ?
- IV. सड़क पर कुछ दूरी पर अकेला ताँगा ही क्यों दिखाई दे रहा है?

**प्र02-** निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए-

- i. सर्प ..... ,    ii. नैन ..... ,    iii. नम .....  
iv. किरण .....    v. तरु ..... ,    vi. विघ्न .....

**प्र03-**अलंकार -

- i. जहाँ एक वर्ण की एक से अधिक बार आवृत्ति होती है, वहाँ ..... होता है।
- ii. इस अलंकार से संबंधित दो उदाहरण लिखिए -

**प्र04-**उपमा अलंकार की परिभाषा लिखते हुए उदाहरण सहित स्पष्ट कीजिए।

**प्र05-**निम्नलिखित पंक्तियों में श्लेष अलंकार छाँटकर उनका स्पष्टीकरण लिखिए-

- i. लूट लिया माली ने उपवन।
- ii. हनुमान की पूँछ में लग न पाई आग लंका सिगरी जल गई, गए निशाचर भाग।
- iii. पायो जी मैंने राम रत्न धन पायो।

**प्र06-**निम्नलिखित पंक्तियों में प्रयुक्त अलंकारों को लिखिए तथा स्पष्ट कीजिए-

- i. देखि सुदामा की दीन दशा, करुणा करिके करुणानिधि रोए।
- ii. नंगे-नंगे दीर्घकाय, कंकालों से वृक्ष खड़े हैं।
- iii. वह पहनकर धोती, उसे धोती

**प्र07-**अनुच्छेद लिखिए-

अच्छा स्वास्थ्य, जीवन के लिए समस्त सुखों का आधार है।

डी.ए.वी.पब्लिक स्कूल, बल्लभगढनगरम्

कक्षा - अष्टमी, विषय: - संस्कृतम्

अतिरिक्त-गृहकार्यम् (Assignment-I), सत्र- 2021-22

नाम .....

अनुक्रमांक .....

कक्षा /वर्ग .....

प्र०1. अधोलिखितं गद्यांशं पठित्वा प्रश्नान् उत्तरत-

स्वदेशं प्रति जनानां हृदयेषु यः आदरः भवति सः एव स्वदेश-प्रेम कथ्यते । मातृभूमिं प्रति अयं आदरः सदैव जनानां हृदयेषु भवति । अतः उक्तं च -जननी जन्मभूमिश्च स्वर्गादपि गरीयसी । यस्मिन् देशे वयं जन्म लभामहे । यस्य भूमौ वयं क्रीडामः । यस्य अन्नैः जलैः च स्वशरीरं पोषयामः । यस्य वायुः अस्माकं शरीरे जीवनं संचारयति । तस्य ऋणेन वयं कदाचित् मुक्ताः भवितुं न शक्नुमः ।

I. एकपदेन उत्तरत- क. वायुः अस्माकं शरीरे किम् संचारयति ?.....

ख. कस्य ऋणेन वयं कदाचित् मुक्ताः भवितुं न शक्नुमः ? .....

II. पूर्णवाक्येन उत्तरत- स्वदेशं प्रति केषां हृदयेषु आदरः भवति ? .....

III. निर्देशानुसारम् उत्तरत - क. 'पवनः' इत्यर्थे गद्यांशे किम् पदं प्रयुक्तम् अस्ति ? .....

ख. 'यस्य भूमौ वयं क्रीडामः' अस्मिन् वाक्ये क्रियापदं किं अस्ति ? .....

प्र०2. कोष्ठकेषु प्रदत्तशब्दानाम् उचितरूपैः रिक्तस्थानानि पूरयित्वा पूर्णवाक्यं लिखत -

क. सः ..... पुस्तकानि यच्छति । (राम) ख. रामः ..... पश्यति । (लता)

ग. सः ..... सह पठति । (लता) घ. अहं मधुरम् ..... खादामि । (फल)

ङ तस्य ..... वर्णः पीतः अस्ति । (फल) च. अहं ..... विश्वासं करोमि । (राम)

प्र०3. कोष्ठकेषु प्रदत्तधातूनाम् उचितरूपैः रिक्तस्थानानि नि पूरयित्वा पूर्ण वाक्यं लिखत -

क. सः मनुष्यः नगरं ..... । (गम, लट् लकारः) ख. अहं वने एकं सिंहं ..... । (दृश्, लङ् लकारः)

ग. श्वः मम जन्मदिवसः ..... । (भू, लृट् लकारः) घ. अहं गृहं ..... । (गम, लोट् लकारः)

ङ अद्य वर्षा ..... । (भू, विधिलिङ् लकारः) च. अधुना वयं चलचित्रं ..... । (दृश्, लट् लकारः)

प्र०4. अङ्कानां स्थाने संस्कृत-सङ्ख्या वाचकपदं प्रयुज्य पूर्णवाक्यं लिखत -

क. तत्र ..... (24) बालकाः खेलन्ति । ख. तस्यां लतायां ..... (32) पुष्पाणि सन्ति ।

ग. वेदाः ..... (4) सन्ति । घ. वृक्षे ..... (3) चटकाः सन्ति ।

ङ. ग्रामात् बहिः ..... (40) जनाः वसन्ति । च. तत्र ..... (2) बालकौ क्रीडतः ।

प्र०5. रेखांकितपदानि आधृत्य समुचितशब्देन प्रश्ननिर्माणं कृत्वा पूर्णवाक्यं लिखत केवलं प्रश्नवाचकपदं न लेखनीयम् ?

क. अधमाः धनम् इच्छन्ति । ..... ख. सर्वे सुखिनः भवन्तु । .....

ग. चटका नवीनं गृहम् अरचयत् । ..... घ. काकः अभिमानी आसीत् । .....

ङ. काकस्य गृहं नष्टम् अभवत् । ..... च. सत्सङ्गतिः चेतः प्रसादयति । .....

प्र०6. अधोलिखितं पद्यांशं पठित्वा प्रश्नान् उत्तरत-

निन्दन्तु नीतिनिपुणाः यदि वा स्तुवन्तु

लक्ष्मीः समाविशतु गच्छतु वा यथेष्टम् ।

अद्यैव मरणमस्तु युगान्तरे वा

न्यायात्पथः प्रविचलन्ति पदं धीराः ॥

I. एकपदेन उत्तरत- क. मरणं कदा भवतु ? ..... ख. का यथेष्टम् समाविशतु ? .....

II. पूर्णवाक्येन उत्तरत- धीराः कस्मात् पथः न प्रविचलन्ति ? .....

III. निर्देशानुसारम् उत्तरत - क. 'जीवनम्' इति पदस्य विलोमपदं पद्यांशे किम् प्रयुक्तम् अस्ति ? .....

ख. 'प्रशंसां कुर्वन्तु' इत्यर्थे पद्यांशे किम् पदं प्रयुक्तम् अस्ति ? .....

**D A V PUBLIC SCHOOL, BALLABHGARH**

**CLASS-VIII SUB-SOCIAL SCIENCE**

**HOLIDAYS HOMEWORK**

**Ist Slot- 1<sup>st</sup> June to 10<sup>th</sup> June,2021**

**Submit on 11<sup>th</sup> June**

1)Subject Enrichment Activities. (To be done in Scrap book)

Ch-1 Prepare a pictorial chart showing the classification of resources by giving suitable examples

Ch 8 A)Write at least ten slogans given by the freedom fighters at the time of National Freedom Struggle

B) Paste the cover page of the books written during freedom struggle alongwith their authors.

C) Paste the front pages of any five Vernacular papers.

2) Go Green: Join in hands to protect the environment and be a part of 'EACH ONE, PLANT ONE'

Click one Photograph of yours with your plant to be submitted.

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**IInd Slot- 11<sup>th</sup> June to 20<sup>th</sup> June,2021**

**Submit on 21<sup>st</sup> June**

**Ch 4 Compulsory Project:**

A) Prepare a Project on ' Future Prospectus of Non- Conventional sources of Energy Resources in India' B) Note:

1.Do project on any ONE of the following energy resources ie Solar Energy /Wind Energy/ Geothermal Energy/ Nuclear Energy/ Tidal Energy /Biogas

2.Project should not exceed 10 pages

- It should be hand written
- Related pictures to be pasted
- First pg- Cover pg with your name, classs etc

- Second pg- Bibliography
- Last pg- Date of submission, Teacher's Remarks, Teacher's signature

**Ch 16 Subject Enrichment Activity ( to be done in scrap book)**

- A) Write up – ‘Preamble – The Soul of our Constitution’
  - B) Draw the symbols of different religions and explain – ‘WHAT IS SECULARISM’
  - C) Do the given Assignment in fair notebook.
- 

**IIIrd Slot- 21<sup>st</sup> June to 30<sup>th</sup> June,2021**

**Submit on 1st July**

Ch 12 Compulsory Project

- A)Collect information of any five Social Reformers and highlight their contribution to the society. ( One pg each)
- B)Paste the pictures of Social Reformers in the map of India where they belonged to. **Note :**  
**Complete all the que ans of all the chapters in fair copy and learn them.**

DAV Public School  
Assignment- Class VIII  
CH-2 Natural Resources- Land, Soil and Water

- Q1. Which one of the following is the percentage of world population inhabitant in plains?
- a. 60%
  - b. 33%
  - c. 90%
  - d. 97%

- Q2. Earth is a unique planet of the solar system because:
- a. Life is possible on the earth
  - b. It covers about 71% of water
  - c. Because of 4 spheres- Lithosphere, Atmosphere, Biosphere and Hydrosphere
  - d. All of the above

- Q3. Sparse population is seen in areas of:
- a. High mountains
  - b. Deserts
  - c. Equatorial forests
  - d. Polar regions
- i. a,b,c
  - ii. b,c,d
  - iii. c,d,a
  - iv. a,b,c,d

- Q4. Factors affecting soil formation
- a. Parent rock
  - b. Topography
  - c. Vegetation
  - d. All of the above

Q5. To maintain ecological balance \_\_\_\_\_ percent of total land should be under forest cover.

Q6. \_\_\_\_\_ gives maturity to the soil.

Q7. Soil is a combination of \_\_\_\_\_ & \_\_\_\_\_ matter.

Q8. Soil cover is always thick in plains. (True/false)

Q9. The soil of densely forested area is generally very rich in humus content. (True/False)

Q10. Delta formed by \_\_\_\_\_ & \_\_\_\_\_ rivers of India have very deep and fertile soil.

Q11. Which of the following is NOT correct

Land use planning is necessary because:

- a. It supports natural vegetation and wildlife
- b. It supports economic activities
- c. Land is a limited resource, it can't be expanded
- d. It controls the flood and earthquakes

Q12. Saline water supports incredible biodiversity of marine life but not suitable for human consumption. (True/False)

Q13. The demand of water for domestic use can be met by the recycled water. (True/False)

Q14. \_\_\_\_\_ & \_\_\_\_\_ are two modern methods of irrigation.

Q15. An irrigation technique of spraying water on plants like rain:

- a. Water Harvesting
- b. Sprinkler method
- c. Weathering
- d. None of the above

Q16.

Column I	Column II
1. The methods of saving surface run-off	a. Soil conservation
2. Parts of dead and decomposed animals and plants	b. Afforestation
3. The process of planting more trees	c. Humus
4. Floods can be avoided	d. Water Harvesting
5. Methods by which soil is prevented from being eroded	e. By building dams across the river



DAV Public School  
Assignment- Class VIII  
CH-16 Constitution

Q1. A body of fundamental rules according to which the country functions is called

- a) Law
- B) Amendment
- C) Constitution
- d) Preamble

Q2. When all the citizens of country are equal before law it implies

- A) Parliamentary rule
- B) Independence of the judiciary
- C) Rule of law
- D) Fundamental Rights

Q3. Privy purse means

- A) Zamindars were given compensation at the time of independence
- B) The rulers of princely states to join India at the time of Independence for paid fix annual amount of money as compensation
- C) The rulers of the princely state were insured representation in one of the houses of the legislature
- D) The rulers were assured independence in internal affairs

Q4. The final draft of constitution was adopted on

- A) 26 November 1949
- B) 26 October 1949
- C) 26 December 1945
- D) 26 January 1950

Q5. In a parliamentary form of government

- A) the Council of Ministers headed by the Prime Minister exercises all powers
- B) The head of the state, President enjoys real powers
- C) Union and the states enjoy equal powers
- D) Right to vote is limited

Q6. \_\_\_\_\_ majority means majority of members present and voting in \_\_\_\_\_.

Q7. \_\_\_\_\_ was the chairman of the drafting committee.

Q8. India is a \_\_\_\_\_ because the head of the state i.e., the president is an \_\_\_\_\_ head from amongst the people.

Q9. \_\_\_\_\_ was the chairman of the Constituent Assembly.

Q10. Our Constitution is a \_\_\_\_\_ that can be altered and modified according to the needs of the times.

Q11. Some people describe India as a \_\_\_\_\_ with a strong central government.

Q12. The founding fathers of the Indian constitution did not incorporate the principle cherished by the leaders of the freedom struggle. (True/False)

Q13. We have parliamentary form of government both at the centre and in the states. (True/False)

Q14. Our constitution does not allow territorial or bias decisions which may change the very basic structure of the constitution. (True/False)

Q15. Tick the correct option:

The constitution of France and the US are the products of \_\_\_\_\_ (political revolutions/gradual evolution)

Q16. Choose the correct option:

Indian constitution was drafted by

- A) Congress
- B) Constituent Assembly
- C) Judicial Assembly
- D) Hindu Mahasabha

Q17. Tick the correct option:

The Constituent Assembly was \_\_\_\_\_ (directly/indirectly) elected body.

Q18. Right to Information and Right to Education were included in Indian Constitution later on. (True/False)

Q19. The existence of more than one level of government in any country is called

- A) Democracy
- B) Federalism
- C) Universal Adult Franchise
- D) Monarchy

Q20. Independent judiciary means

- A) Supreme Court and high courts are free from the influence of executive
- B) Supreme Court and High Court are free from the influence of legislature
- C) Judges are appointed on the basis of their qualification and they can be easily removed
- D) All of the above

Q21. India is a Secular, Socialist but not a Sovereign country. (True/False)

Q22. We have borrowed several features from the constitution of different countries. Match the features with the respective countries.

Column I	Column II
1. The cabinet system	(a) Russia
2. The Fundamental Rights	(b) England
3. Concept of Directive Principles	(c) Canada
4. Fundamental Duties	(d) USA
5. India is known as Union of States	(e) Ireland

Q23. Universal Adult Franchise means that every citizen of India who is 18 years and above, is entitled to vote in the elections without any discrimination of caste, colour, class, religion or gender. When was this age of 18 years lowered from the age of 21 years and by which Amendment?

- A) 51<sup>st</sup> Amendment in 1988
- B) 61<sup>st</sup> Amendment in 1988
- C) 61<sup>st</sup> Amendment in 1950
- D) 51<sup>st</sup> Amendment in 1950

Q24. Which one of the following statements goes against the spirit of federalism in India?

- A) India has a written in rigid constitution
- B) Power has been divided between centre and the state
- C) The government at the centre is very strong
- D) India has an independent judiciary

## SUMMER HOLIDAYS' HOME WORK(2021-22)

### CLASS---VIII SUBJECT----G.Sc.

#### IMPORTANT INSTRUCTIONS---

1. Submit your work as per the dates mentioned.
2. Upload your work on Teams .
3. Include relevant pictures while making Ppt./ Project report.
4. Do not add too much content on a single slide .

#### **(June 1 ---june 10)**

Prepare a Ppt.on the given topics as per your roll nos.---

**Roll No. 1 to 12.....Air pollution** (refer to le-19 ,must include its causes, harmful effects, international measures taken on 'Global warming', responsibility as a citizen)

**Roll No. 13 to 26..... Water pollution** (refer to le-20 ,must include its causes, harmful effects,responsibility as a citizen ,common water borne disease, treatment of major sources of water pollution)

**Roll No. 27 to 36---Conservation of Plants and animals**( refer to le-8, must include need of conservation of flora and fauna, steps taken by Indian Government for the conservation, Responsibility as a citizen )

**Roll No.37 onwards----- Crop Production and its management**( refer to le-9, must include changes between modern and traditional farming practices, crop improvement, Organic farming)

#### **(June 11 – June 20)**

Do the given assignments of Le- 1,2,6 and 7

#### **(June 21 –June 30)**

**Roll No--- 1to 25....** Genetic Engineering is a branch of Sciece in which microorganisms are being extensively used. Prepare a project report on the role of microorganisms in genetic engeneering.

**Roll no. 26 onwards....** Find out the names of diseases for which vaccinations are available and the age at which they have to be given to the child. Submit your findings in a tabular form.

ग्रीष्मकालीन गृहकार्य - सत्र 2021 -22

कक्षा आठवीं विषय नैतिक शिक्षा

1. 'ओ३म् ध्वज' रंग सहित बनाकर ओ३म् ध्वज की पाँच विशेषताएँ लिखिए ।
  2. 'नैतिक शिक्षा की आवश्यकता क्यों' विषय पर एक लघु भाषण लिखें व याद करें ।
  3. ताडासन व वृक्षासन के चित्र सहित विधि एवं लाभ लिखिए ।
  4. पाठ 4 में से गीता के दो श्लोक सस्वर स्मरण करें ।
- नोट - समस्त कार्य A 4 शीट पर सुन्दर लेख सहित फाइल बनाकर प्रस्तुत करें ।

# **DAV Public School Ballabgarh**

## **Class VIII**

### **Holidays Home Work**

#### **Subject – ICT**

Design a Webpage in HTML on any one of the topics given below:

- My Family
- My School
- My Friends

Consider the following while designing the webpage:

- Webpage must contain atleast 10 lines.
- Background color of the webpage must be Yellow.
- Text color of the webpage must be Red.
- Heading of the page must be bold and underlined.

Note: Upload your webpage in your folder on teams computer channel.

# Class VIII, Holidays Homework

## Subject: Music

- Write the contribution and the biographies surdas ,Tulsidas ,Mirabai(Any Two)
- Explain and paste or draw pictures for The Music of Telangana State(Music,Dance) Brief about their culture

### **HOLIDAYS H.W., SUB-DRAWING**

- **BOOK STEP BY STEP VIII**

1. **DRAW COLOR PAGES 1-25.**

2. **MAKE 2 PAINTINGS OF OUR INDIAN TRIBAL /GOND ART/MADHUBANI WITH BLACK GEL PEN AND SKETCH PENS. USE WHITE IVORY SHEETS.**

3. **STUDENTS ARE FURTHER REQUESTED TO COMPLETE DRAWING/CRAFT WORK DONE DURING ONLINE CLASSES.**

- **SUBMIT ALL THE WORK & BOOK AFTER HOLIDAYS**

**#STAY SAFE #STAY HOME STUDENTS THANK YOU.  
HAPPY HOLIDAYS...**