DAV Public School, Ballabhgarh
Holidays Homework
Session: 2020-2021
Class-VIII

Subject – English

Complete your holidays homework and present it properly in neat handwriting. Submit it on the first day of joining after the summer break.

Creative Work

Prepare an **e-magazine** (Microsoft PowerPoint or Word) with written content and pictures based on My English Reader units as per roll numbers provided below. You may collect information related to each unit from e-newspaper or any other online source:

- ➢ Roll No. – 1-15: Changing Times & Nature
- ➢ Roll No. – 16-30: Compassionate Souls & Sports
- ➢ Roll No. – 31 onwards: Enterprise & Tolerance

Writing Task

➢ Write on the following topics in your English Practice Notebook or on A4 size sheets in about 150

words each. Learn them too for Speaking Skill Test to be conducted later.

- ▪ 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
- ▪ Simple Living, High Thinking
- ▪ Good Deeds Reflect Good Character
- ▪ Importance of extra- curricular activities in school life
- ▪ Importance of Value Education

Learning Task

➢ Read all the literature units covered in online classes. Learn questions and answers based on these units.

Subject: Social Science

1. Prepare a Project file on the topic 'Conventional Sources of Energy and their Conservation' (Ch-4)

2. Prepare a Project file by highlighting the contribution of Social Reformers of India. Paste their Pictures in the states which they are related to. (Ch-12)

3. Paste the following material in Scrap book.

I) Pictures of different resources on the basis of their classification. (Ch-1)

 II) Locate three Developing and three Developed countries of the world (in the map of World)(Ch-1)

III) Collect information of any five Multipurpose River Valley Projects of India and write briefly about

   them. Also paste their pictures. (Ch-2)

IV) Collect popular Slogans given by freedom fighters at the time of freedom struggle (Ch-8)

V) Write the Preamble of the Indian Constitution and decorate it. (Ch-16)

VI) Learn all the work done in online classes.

Class – VIII (Holiday Home Work)

Subject – Science

1. Make a list of vaccines that are given to a child from birth up to the age of 10. Prepare a table in your copy along with the following points:
   - Causative Microorganism
   - Mode of Transmission
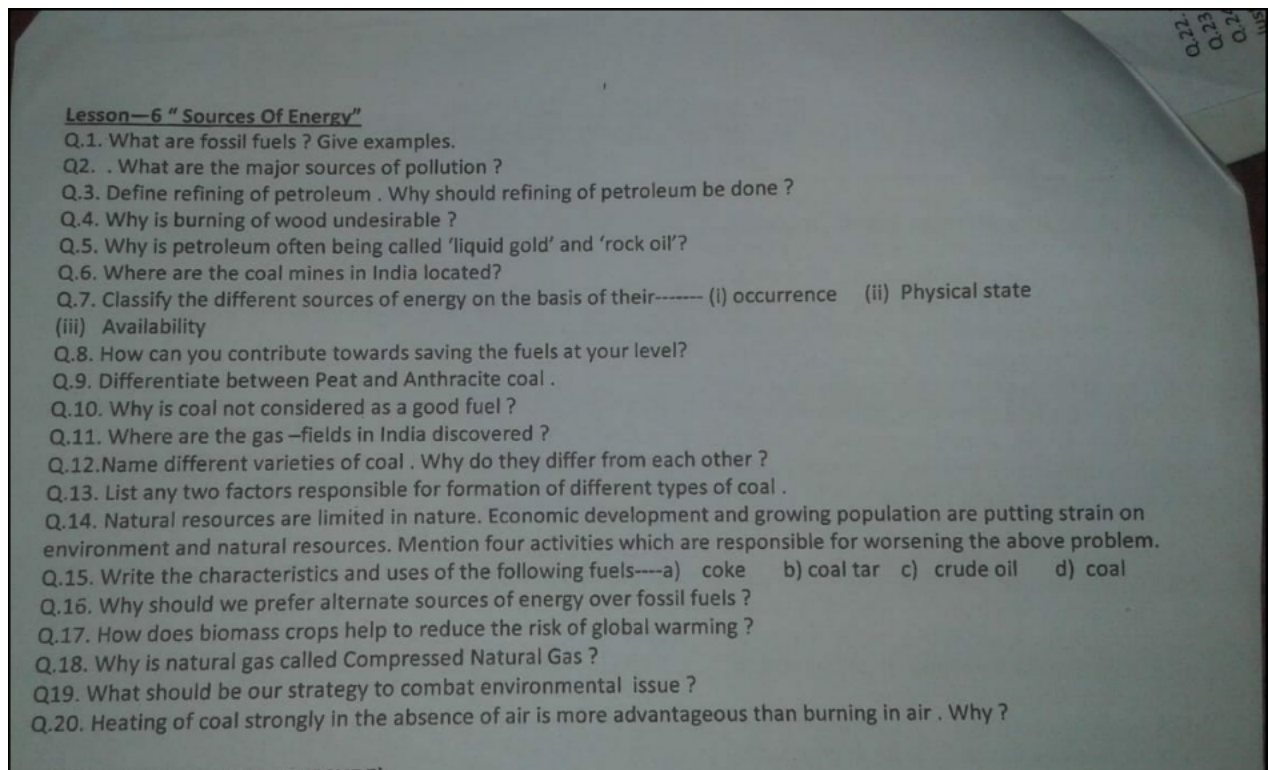   - Disease
   - Preventive Measures (General)

2. Using any waste material or easily available material of different colour, make a Model on a Cardboard on following topics.

   Roll No.
   - (a) Plant cell   (1 – 12)
   - (b) Animal cell   (13 – 24)
   - (c) Shapes of different types of micro-organisms   (25 – 36)
   - (d) Shapes of different types of cell   (37 – 48)

3. Learn and practice the chapters covered for test after vacations.
4. Do the given assignment in fair copy

Lesson—6 " Sources Of Energy"
Q.1. What are fossil fuels ? Give examples.
Q2. . What are the major sources of pollution ?
Q.3. Define refining of petroleum . Why should refining of petroleum be done ?
Q.4. Why is burning of wood undesirable ?
Q.5. Why is petroleum often being called 'liquid gold' and 'rock oil'?
Q.6. Where are the coal mines in India located?
Q.7. Classify the different sources of energy on the basis of their------- (i) occurrence   (ii) Physical state
(iii) Availability
Q.8. How can you contribute towards saving the fuels at your level?
Q.9. Differentiate between Peat and Anthracite coal .
Q.10. Why is coal not considered as a good fuel ?
Q.11. Where are the gas –fields in India discovered ?
Q.12.Name different varieties of coal . Why do they differ from each other ?
Q.13. List any two factors responsible for formation of different types of coal .
Q.14. Natural resources are limited in nature. Economic development and growing population are putting strain on environment and natural resources. Mention four activities which are responsible for worsening the above problem.
Q.15. Write the characteristics and uses of the following fuels----a)   coke   b) coal tar c) crude oil   d) coal
Q.16. Why should we prefer alternate sources of energy over fossil fuels ?
Q.17. How does biomass crops help to reduce the risk of global warming ?
Q.18. Why is natural gas called Compressed Natural Gas ?
Q19. What should be our strategy to combat environmental issue ?
Q.20. Heating of coal strongly in the absence of air is more advantageous than burning in air . Why ?

D.A.V. PUBLIC SCHOOL, BALLABHGARH
HOLIDAYS HOME WORK SESSION 2020-21
CLASS VIII

1. Collect information about use of Mathematical shapes in pyramids of Egypt. Present this information as a power point presentation**.**

2. Prepare a structure (model) of an object and show how mathematical shapes are used in it.

Example : Reference: https://smithcurriculumconsulting.com/math-in-art/

3. Prepare a sketch of the interior designing of a room using shapes and symbols of Maths on A4 size chart.

4. Prepare any one decorative art of your choice using Mathematical shapes. (Example : Warli Art)

5. A class test will be taken after summer vacations from all Units taught during online classes.

6. Do the Assignment in practice copy

Assignment

Class: VIII

Topics: Squares and Square roots

         Cube and Cube Roots

         Direct and inverse variation

1. Find the value of $\sqrt[3]{0.085184}$

2. Find the value of $\sqrt{23\dfrac{394}{729}}$

3. Find the value of $\sqrt{6\dfrac{115}{289}}$

4. Find the value of $\sqrt{2\dfrac{1}{12}}$ (correct up to 2 places of decimals)

5. Find the value of $\sqrt{86.71}$ (correct up to 2 places of decimals)

6. Find the value of $\sqrt{2.8}$ (correct up to 2 places of decimals)

7. Three numbers are in the ratio 1:2:3. The sum of the cubes is 62208. Find the numbers.

8. What least number should be subtracted from 4568 so that the resulting number becomes a perfect number?

9. Find the greatest 4 digit number which is a perfect square.

10. Find the smallest number by which 29160 should be divided so that the quotient becomes a perfect cube.

11. The length and breadth of a rectangular garden is 50m and 30m respectively. Find the length of the diagonal. (correct up to 2 places of decimals)

12. A P.T teacher asks 6000 students to stand in such a way that the number of rows is equal to the number of columns. Find the number of rows if 71 students were left out after the arrangement. The students maintained silence in their rows even though the P.T teacher had to leave the ground. What can you conclude about the students?

13. Find the least number which must be subtracted from 7581 to obtain perfect square. Find this perfect square and its square root.

14. Find the value of $\sqrt[3]{3375\times(-729)}$.

15. A general wishes to draw up his 64,019 men in the form of a square found that he had 10 men extra. Find the number of men in the front row.

16. Evaluate $\sqrt[3]{\dfrac{0.027}{0.008}}\div\sqrt{\dfrac{0.09}{0.04}}-1$

17. Find the square root of 7 and correct it to 2 places of decimal.

18. Find the square root of 5 and correct it to 2 places of decimal.

19. A school has 9 periods a day each of 40 minutes duration. How long would each period be, if the school has 8 periods a day, assuming the number of school hours to be the same?

20. It takes three gardeners 90 minutes to weed a garden. If the job is to be done in only 15 minutes, how many more gardeners need to be put on the job?

21. A school hostel with 40 children has enough provisions to last 15 days. If 10 more children move into the hostel, how many days will the provisions last now?

22. A piece of string is cut into two parts in the ratio 3:5. If the length of the longer piece is 20cm, find the shorter piece.

23. A map is drawn to a scale of 1:2000000. The distance between two towns, A and B on the map is 5 cm. What is the actual distance between the two towns?

24. A certain number of squares are arranged to form a rectangle of dimensions 12cm by 5cm. If we want to have a rectangle of length 10cm, what will be its breadth?

25. If X-2Y = 0, then what kind of variation does X and Y have? Justify your answer.

1. निम्नलिखित विषयों पर 100-120 शब्दों में अनुच्छेद लिखिए- (व्याकरण कॉपी में)
   (i) व्यायाम का महत्त्व   (ii) ग्लोबल वार्मिंग

2. अपने मित्र को कोरोना से बचने के लिए सावधानियाँ बरतने की सलाह देते हुए पत्र लिखिए। (व्याकरण कॉपी में)

3. आपके विद्यालय में भाषण प्रतियोगिता का आयोजन होने जा रहा है। कक्षा छठी से दसवीं के छात्रों इस विषय की जानकारी सूचना द्वारा दीजिए। (व्याकरण कॉपी में)

4. उपसर्ग प्रत्यय का एक आकर्षक प्रोजेक्ट (मनपसंद आकृति) में बनाइए।उसमें थर्माकोल का प्रयोग न करें।भाषायी शुद्धता और प्रभावशाली प्रस्तुति का विशेष ध्यान रखें।

5. ज्ञान सागर तथा अभ्यास सागर का पाठ - 1 से 9 तक का करवाया गया कार्य पूरा कीजिए और याद कीजिए।

6. ज्ञान सागर पाठ-4 तथा अलंकारों से संबंधित अतिरिक्त अभ्यास कार्य करें।

अतिरिक्त अभ्यास कार्य

ज्ञान सागर पाठ-4

प्र .1 गरमी की दोपहरी में छाया कैसी लगती है ?

प्र .2 अकाल के अवतार जैसा कौन लग रहा है ?

प्र .3 गाँवों की आत्मा कहाँ से झाँक रही थी ?

प्र .4 ज़िंदा रहने का जतन किनके लिए कठिन बन गया था ?

प्र .5 चिड़िया खुले आँगन में क्यों नहीं उड़ रही थी ?

प्र .6 कंकाल जैसे खड़े वृक्षों को किसके समान बताया गया है और क्यों ?

प्र .7 कुत्ते बाथरूम में किस प्रकार आनंद उठा रहे थे ?

प्र .8 'संध्या की भी चहल-पहल ओढ़े थी गहरे सूने रंग की चादर' का क्या आशय है?

प्र .9 यात्री के जूतों से झाँकते पैरों की तुलना किससे की गई है ?

प्र .10 घोड़ा किसके बल पर आगे बढ़ रहा था?

अलंकार

निम्नलिखित पंक्तियों में प्रयुक्त अलंकारों को पहचानिए-

1. माला फेरत जुग भया, फिरा न मन का फेर।
   कर का मनका डारि दे, मन का मनका फेर।।

2. सागर-सा गंभीर हृदय हो, गिरि-सा ऊँचा हो जिसका मन।

3. बीती विभावरी जाग री। अम्बर-पनघट में डुबो रही , तारा-घट ऊषा नागरी।

4. सखि सोहत गोपाल के , उर गुंजन की माल
   भाहर सोहत मनु पिये , दावानल की ज्वाल

5. पीपर पात सरिस मन डोला।

6. लघु तरणी हंसनी सी सुंदर

7. छूअत टूट रघुपति न दोसु

8. थकी सोई है मेरी मौन व्यथा

9. जो रहीम गति दीप की, कुल कपूत गति सोय।
   बौरे उजियारो करै, बढ़े अँधेरा होय।।

10. कितनी करुणा कितने संदो

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ग्रीष्मकालीन गृहकार्य , सत्र 2020-21

कक्षा- अष्टमी , विषय-संस्कृत

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1. अपनी पाठ्यपुस्तक के पाठ संख्या 1 से कोई तीन श्लोक, श्लोकवाचनम् गतिविधि हेतु सस्वर स्मरणार्थ।

2. अपनी पाठ्यपुस्तक से कोई भी एक संक्षिप्त संस्कृत कथा (सचित्र) लेखन व स्मरणार्थ।

3. कविवृत्तांकनम्- संस्कृत साहित्य के प्रसिद्ध पाँच कवियों व उनकी रचनाओं का संक्षिप्त संस्कृत परिचय लेखनार्थ।

जैसे-

नाम – वेदव्यासः, जन्म/कर्मस्थलम् – हस्तिनापुरः, प्रमुखरचना – महाभारतम्,

सम्बद्ध-सूक्ति/श्लोकः – नास्ति सत्यात् परो धर्मः। सत्य से बढ़कर कोई धर्म नहीं है।

अथवा नदी-स्थलप्रदर्शनम्- भारत की प्रसिद्ध नदियों को संस्कृत नाम सहित मानचित्र पर A4 शीट पर प्रदर्शित करं।

4. पुस्तक- पाठ 1 से 4 तक साभ्यास स्मरण हेतु।

5. व्याकरण- प्रथम सत्र के सभी शब्दरूप, धातुरूप तथा संख्या शब्द स्मरण हेतु।

नोट- उपर्युक्त सभी कार्य A4 शीट पर अथवा कम्प्यूटर द्वारा सुन्दर ढ़ंग से बना कर लाएँ।