



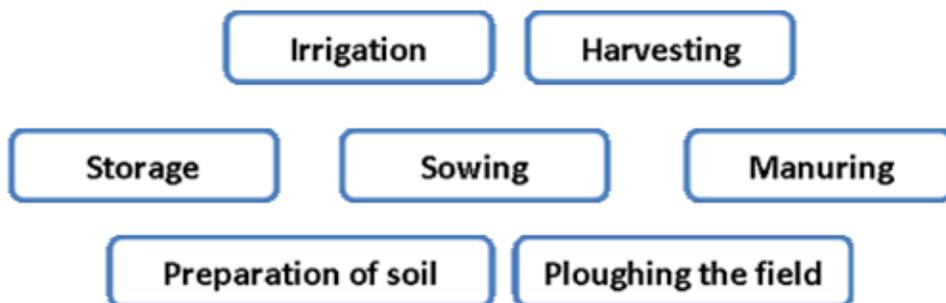
VIDYA BHARATI SCHOOL

V E P WORKSHEET (2019-20)

Grade: VIII

SUBJECT-SCIENCE

1. Micro-organisms are used for production of antibiotics. The first ever antibiotics was prepared by _____. The name of the antibiotics was _____ .
2. Why can roots of plants breathe easily in loose soil?
3. Cotton is a natural polymer. What is its chemical name?
4. Plastic articles are available in all possible shapes and sizes. Can you tell why?
5. A bucket made of plastic does not rust like a bucket made of iron. Why?
6. Why should we avoid consuming uncovered food items?
7. Select the articles from the following list which are biodegradable.
 - a. paper
 - b. woolen clothes
 - c. wood
 - d. aluminium can
 - e. plastic bag
 - f. peels of vegetables
8. PVC (polyvinyl chloride) is a thermoplastic and is used for making toys, chappals, etc. Bakelite is a thermosetting plastic and is used for making electrical switches, handles of various utensils, etc. Can you write the major difference between these two types of plastics?
9. What are antibiotics? Explain with the help of example.
10. Why is it advisable to not wear synthetic clothes while cooking?
11. What are synthetic fibres ? Mention the importance of synthetic polymers in our life .
12. Explain how continuous plantation of crops in a field affects the quality of soil.
13. What are the advantages of sealed air tight packing for storage of food items?
14. Why we should keep a handkerchief on the nose and mouth while sneezing?
15. Arrange the following boxes in proper order to make a flow chart of wheat crop production.



16. Choose the odd one out and give reason for the same:-----

Moat, Dhekli, Sickle, Rahat

17. Why do you think that removal of weeds is essential? Write any one method to control weeds.
18. Write any six uses of micro-organisms.
19. Explain pasteurisation.
20. Write any four ways by which spread of communicable diseases can be prevented.

Note: Learn and revise L-1 and L-2 for periodic test 1

**Syllabus for Periodic Test 1----- L-1 (crop production and management)
L-2 (Micro- organisms)**

SUBJECT : ENGLISH

WRITING SECTION

1. 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
2. Read the chapter 'The Tsunami' which has story about Tilly Smith, a British school girl who saved many lives when the tsunami struck Phuket beach in Thailand. As Tilly Smith write an E-mail to your friend sharing your experience.
3. Refer to hints and pictures given on Page-47 of your Text book- Honeydew . On the basis of the hints write an interesting story with fox and goat as the characters. Give a suitable title and a moral too.

GRAMMAR SECTION

4. Fill in the blanks using the correct form of the verbs in brackets.

My little sister is very naughty. When she ____ (come) back from school yesterday, she had ____ (tear) her dress. We ____ (ask) her how it had ____ (happen). She ____ (say) she ____ (have, quarrel) with a boy. She ____ (have, beat) him in a race and he ____ (have, try) to push her. She ____ (have, tell) the teacher and so he ____ (have, chase) her and she ____ (have, fall) down and ____ (have, tear) her dress.

5. Complete the following sentences using an appropriate determiner.
 1. There aren't animals in this zoo.
 2. I was much impressed with their performance.
 3. of people want to buy cars.

4. He has published short stories.
5. short stories that he published were critically acclaimed.
6. I will never forget the day when I met him for first time.

6. Fill in the blanks with appropriate articles. Put X if no article is required.

1. There I met old man with beard.
2. Don't throw stones at cat.
3. I went to store to buy pen.
4. Janaki is pretty girl.
5. Have you ever been to concert?
6. The students went to park for picnic.

Transformation of sentences

The transformation of a sentence means changing its form without altering its sense.

Ex- It is a wonderful opportunity. (change into exclamatory)

Ans- What a wonderful opportunity it is!

Ex- All the students liked the program.(change into negative without changing the meaning)

Ans- No student disliked the program

7. Transform the given sentences according to the given directions:

- a).Night is very beautiful.(change into exclamatory)
- b).The wind is very cold.(change into interrogative)
- c). Can these brave heroes ever be forgotten? (change into assertive)
- d). Chennai is hotter than Mumbai.(change into negative using ' not as hot as')
- e). Everyone found the play interesting.(change into negative using ' no one')

LITERATURE SECTION

8. Answer the following questions in brief:

- a). What sort of things did children like Jaya collect and what did they do with those things?
- b). Why was the letter written by Jim?
- c). Why did the cricket say," Oh! What will become of me?"
- d). Why it was still winter in the Giant's garden, when there was spring in the whole country?
- e). How did the author reach Mrs. Jim Macpherson? How did she react?
- f). What lesson do you learn from the poem'The Ant and the Cricket'?

9. Questions from Novel

- a). Write a brief character sketch of Tom Sawyer, Aunt Polly and Huckleberry Finn.
- b). Write a paragraph on Mark Twain , the author.
- c). How did Tom Sawyer manage to get the fence whitewashed in one day?
- d). Tom has discovered the Great Law of Human action? What was it?

SUBJECT : SOCIAL SCIENCE
HISTORY

- 1: Define: a) Literary Source
b) Colonization
- 2: Make a list of ten archeological sources along with their pictures.
- 3: Draw a flow chart of expansion of British East India Company till 1856.
- 4: Do you think the permission granted by Mughal Emperor Jahangir to East India Company was a wrong decision?
- Map Work: On a political map of India locate the places which were annexed by British in the policy of Doctrine of Lapse and Subsidiary Alliance.
- 5: What were the reasons for disunity among the Indians during the Early British period?

GEOGRAPHY

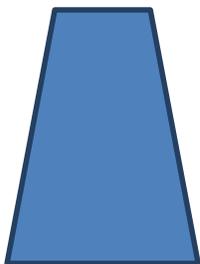
- 1: Define: a) Renewable resources
b) Leaching
- 2: Make a list of exhaustible resources
- 3: Draw a flow chart of resources and different layer of soil.
- 4: Why multipurpose projects are called 'The Temple of Modern India '.
- 5: Non renewable resources are limited and can be exhausted. As a responsible individual how can you contribute conserving such resources?
- 6: Paste the pictures of different types of Natural Disasters. Take the reference of the link given below-allnaturaldisasters.blogspot.in/2010/07/precautions.html and write the precautions against the Natural Disasters.
- 7: To know about sustainable development visit
– businessballs.com/environmentalmanagement.html and write an article.

CIVICS

- 1: Define a) Constitution
b) Equality
- 2: Make a list of Fundamental rights and Duties.
- 3: Write an article about B.R. Ambedkar (along with the picture). Why did he focus on social justice and equality.

SUBJECT -MATHEMATICS

- 1.Solve $x/2+x/3+x/4=13$
- 2.Solve and check the result
 $x-2x+2-(16/3)x+5=3-(7/2)x$
- 3.Seeta has Rs.9 in fifty paise and 25 paise coins.She has twice as many twenty five paise coins as she has fifty paise coins.How many coins of each kind does she have?
- 4.The sum of ages of Anup and his father is 100.When Anup is as old as his father now,he will be five times as old as his son Anuj is now.Anuj will be eight years older than Anup is now,when Anup is as old as his father.what are their ages now?
- 5.After 12 years I shall be 3 times as old as I was 4 years ago. Find my present age
6. Evaluate
 $-6/13- (-7/13)$
- 7.What should be added to $1/2+1/3+1/5$ to get 3
- 8.The product of two rational numbers is $-28/81$. If one number is $14/27$, find the other
- 9.Divide the sum of $-13/5$ and $12/7$ by the product of $-31/7$ and $-1/2$
10. Find the value and express as a rational number in standard form
 $(-36/125)\div(-3/75)$
- 11.The ratio of two sides of a parallelogram is as 3:5,and the perimeter is 48m.Find the sides of parallelogram
- 12.In parallelogramBEST , $\angle B=100^\circ$, Find all other angles
13. Find the length of diagonal of a rectangle whose sides are 12cm. and 5cm.
- 14.The diagonals of a rectangleABCD intersect in O.If $\angle BOC=68^\circ$,Find $\angle ODA$
- 15.



- In the figure ABCD , $\angle C=120^\circ$, $AB\parallel CD$ Find $\angle B$ Give reasons
- 16.A window frame has one diagonal longer than the other . Is this a rectangle?
Why or why not
 - 17.Draw a kite and write all properties of it
 18. Write all properties of a trapezium
 - 19.Two opposite angles of a parallelogram are $(3x-2)^\circ$ and $(50-x)^\circ$. Find the measure of each angle of parallelogram
 20. A quadrilateral has three acute angles each measures 80° .What is the measure of fourth angle?

विषय : हिन्दी

प्र.1 निम्न गद्यांश को पढ़कर प्रश्नों के उत्तर दो –

मानवता का उद्देश्य और मानव जीवन का सार्थकता, केवल इसी में है कि वह अपने कल्याण के साथ दूसरों का कल्याण की भी सोचे। उनका कर्तव्य है कि स्वयं उठें और दूसरों को भी उठाएं। आर्त और दीन की करुणा भरी पुकार से, बड़ी-बड़ी आँखों में छलकते हुए आँसुओं से, अशक्त और असहाय की याचनापूर्ण करुणा दृष्टि से, जिसका हृदय द्रवीभूत न हुआ, तृप्ति और भूखों को अपने भूखे पेट पर हाथ फिराते हुए देखकर जिसने अपने सामने रखा हुआ भोजन नहीं दे दिया, अपने पड़ोसी के घर में लगी हुई आग को देखकर जो उसकी रक्षा के लिए एकदम कूद न पड़ा, कल की दमकती हुई चुनरी और सुहाग भरी चूड़ियों को उतरते और फूटते देखकर जिसका हृदय विदीर्ण नहीं हुआ, नदी की निष्ठुरता के कारण बहते हुए शिशुओं और रोती हुई माताओं को देखकर उनकी प्राण रक्षा के लिए जो सहसा जल राशि में कूद न पड़ा, वह मनुष्य नहीं पशु है। तुम्हारे पास यदि धन है तो निर्धनों की सहायता करो, यदि शक्ति है तो अशक्तों को सहारा दो, यदि विद्या है तो वाद-विवाद मत करो, अपितु उसको अशिक्षितों में वितरित करो, तभी सच्चे मनुष्य कहलाने के अधिकारी हो सकोगे। मानव जीवन का उद्देश्य केवल इतना नहीं कि खाओ-पीओ और मस्त रहो। त्याग और बलिदान ही हमारी संस्कृति के मूल भाव हैं क्योंकि – “परहित सरिस धरम नहि भाई।”

1. मानव जीवन की सार्थकता किसमें निहित है?
2. किन-किन परिस्थितियों में मानव का हृदय द्रवित होता है?
3. मनुष्य, सच्चा मनुष्य कहलाने का अधिकारी कब बनता है?
4. मानव जीवन का उद्देश्य क्या होना चाहिए?
5. गद्यांश में से 'ता' प्रत्यय वाले दो शब्दों का चयन कीजिए।

प्र.2 निम्नलिखित काव्यांश को ध्यानपूर्वक पढ़िए और दिए गए प्रश्नों के उत्तर दीजिए –

इस समाधि में छिपी हुई है
एक राख की ढेरी।
जलकर जिसने स्वतंत्रता की
दिव्य आरती फेरी।।
यह समाधि, यह लघु समाधि है
झाँसी की रानी की।
अंतिम लीला-स्थली यही है
लक्ष्मी मर्दानी की।।
यहीं कहीं पर बिखर गई वह
भग्न विजय माला-सी।
उसके फूल यहाँ संचित हैं
है वह स्मृति-शाला-सी।।

सहे वार पर वार अंत तक
लड़ी वीर बाला-सी।
आहुति-सी गिर चढ़ी चिता पर
चमक उठी ज्वाला-सी।।
बढ़ जाना है मान वीर का
रण में बलि होने से
मूल्यवती होती सोने की
भस्म यथा सोने से।

1. कविता में किसी समाधि का जिक्र हो रहा है? इसकी क्या विशेषता है?
2. यहाँ रानी किस रूप में बिखर गई थी?
3. बलिदान देने से पूर्व रानी ने किस प्रकार युद्ध किया?
4. वीर का मान कब बढ़ जाता है?
5. 'ज्वाला-सी' में कौन-सा अलंकार है?

प्र.3 संज्ञा के भेद लिखो।

प्र.4 भाववाचक संज्ञाएँ कितने प्रकार के शब्दों से बनती हैं?

प्र.5 निम्न शब्दों से भाववाचक संज्ञा बनाइए –
निज, सज्जन, ब्रह्मचारी, हारना

प्र.6 संज्ञा के विकारक रूप क्या हैं?

प्र.7 सर्वनाम की परिभाषा लिखें?

प्र.8 सर्वनाम के भेद बताइए?

प्र.9 निम्न सर्वनाम शब्दों से वाक्य बनाइए –
कुछ, आप, इन्होंने, कोई

प्र.10 किसी भी वस्तु के विज्ञापन देने पर हमें किन – किन बातों का ध्यान रखना चाहिए?

प्र.11 किसी भी एक वस्तु का विज्ञापन तैयार कीजिए? विज्ञापन हमें किस – किस प्रकार आकर्षित करते हैं?

'प्रश्न पाठ्य पुस्तक से'

प्र.12 कविता का शीर्षक है – 'ध्वनि'। इस शब्द से आप क्या समझते हैं?

प्र.13 'अनंत से मिलन' शब्दों से आप क्या समझते हैं?

प्र.14 बदलू कहाँ का रहने वाला था? लेखक उसे क्या कहकर पुकारता था?

प्र.15 बदलू क्या काम करता था?

प्र.16 घर में मेहमान के आने पर आप उसका अतिथि – सत्कार कैसे करेंगे?

प्र.17 लोगों ने लेखक को शाम वाली बस से न जाने की सलाह क्यों दी?

प्र.18 लेखक को बस पर भरोसा क्यों नहीं था?

प्र.19 डॉक्टर मित्र ने बस के बारे में क्या कहा?

विषय-संस्कृतम्

- १- पठ्/धातु लट लकारे रूपाणि स्मृत्वा लिखत।
- २- लिख्/धातु लृट लकारे रूपाणि स्मृत्वा लिखत।
- ३- चल्/धातु लड. लकारे रूपाणि स्मृत्वा लिखत।
- ४- वद्/धातु लड. लकारे रूपाणि स्मृत्वा लिखत।
- ५- गम्/धातु लड. लकारे रूपाणि स्मृत्वा लिखत।
- ६- स्व-व्याकरण पुस्तकात् एकम् अपठित गद्यांशं लिखित्वा तत् आधारित प्रश्नानि उत्तरत।
- ७- कर्ता क्रिया चक्रम् स्मृत्वा लिखत।
- ८-कारक-विभक्ति चिन्हानि स्मृत्वा लिखत।
- ९-शब्द-रूपाणि स्मृत्वा लिखत-
 - (अ) बालक(पुल्लिङ्ग)
 - (ब) लता (स्त्रीलिङ्ग)
 - (स) फल (नपुंसकलिङ्ग)
- १०-संस्कृतेन स्व-विषये पञ्च वाक्यानि लिखत।