It's summer time

Summer Holiday
Homework
(2024–25)
Class VIII

Happy Holidays!

Class: VIII   **Subject: English**
Date:
Name: _____   **Roll No. ___**

The English Holiday Homework comprises of 2 parts:- A Worksheet and A Task

You have to take a print out of the Worksheet and the task is to be done on sheets. Both the things are to be compiled in a single file.

Task 1: Office the Official!

Read the story 'The Merchant of Venice' carefully and compile the following documents:-

1. The Bond signed between Shylock and Antonio
2. The letter of recommendation brought by the young lawyer to fight Antonio's case (Research on the name taken up by him from the original version of the play)
3. From Antonio to his creditors: Antonio explaining his financial situation and requesting an extension or renegotiation of his debts, highlighting his honourable intentions to repay them as early as possible.
4. From Antonio to Shylock: Written on the night prior to the trial, where Antonio reflects on his misbehaviour with Shylock and how he felt guilty because of it. He asks for forgiveness from Shylock for his wrongdoings.
5. From an audience member to Portia: Expressing admiration for Portia's intelligence and wit displayed during the trial scene, and reflecting on the importance of justice and mercy in society.

Task 2: Solve the Worksheet given below:

Q.1 Rewrite the following as indirect speech:-

A) He said to me, "Bring me a book."
B) He said "You're not working hard enough."
C) "Did you see the woman yesterday?" said the girl to her mother.
D) He said, "Don't do it.
E) "What a terrible noise!" she said
 F)He said , "which is your bicycle"
G) She said , "I am going to Kolhapur tomorrow"
h) They said "We can't do it now"
I)They said "It is not at all true"
J) "The oracle", he said , "chose me as the wisest Athenian because I am the only one who knows that he doesn't know anything"

Q.2 Change the Voice:-

a) They are inspired by ideas.
b) They must be protected.
c) They are lifting the bodies.
d) He has outlasted them all.
e) Look at the condition of woman.

Q.3 Do as directed -

1. It is probable that he will never come back. (Begin: In …)
2. He said to me, 'Where are you going?' (Begin: He asked me …)
3. As soon as the chief guest had arrived the play began. (Begin: No sooner ….)

4. I was surprised at his behaviour. (Begin: His …)
5. He will certainly succeed. (Begin: He is …)
6. He is the best student in the class. (Use better instead of best)
7. He is too weak to stand up without help. (Use so--- that)
8. He tucked the gun under his arm and rushed towards the bridge. (End: … his arm.)
9. We were late. Consequently, we missed the train. (Rewrite with as or since)
10. Though I had a headache I enjoyed the movie. (Rewrite with in spite of)
11. The meeting had to be postponed due to the chairman's illness. (Rewrite with because)
12. If we don't hurry up, we will miss our flight. (Rewrite with otherwise)
13. After John arrived, we began our meeting. (Rewrite with upon)
14. It was cold but we went swimming. (Rewrite with although)
15. John is the tallest boy in the class. (Use the comparative form of the adjective)
16. No sooner did I hear the gunshot than I rushed to the spot. (Rewrite using as soon as.)
17. Hardly had I solved one problem when another cropped up. (Rewrite using no sooner …than)
18. Only trained graduates need to apply. (Use none instead of only)

Class: VIII   **Subject: Hindi**
Date:
Name: _____   **Roll No. ___**

सामान्य निर्देश:- कार्य स्पष्ट एवं सुंदर लेख में करेंगे।

*प्रश्न 1 से लेकर प्रश्न 7 तक के प्रश्नों का कार्य हिंदी वर्कशीट में ही करेंगे।

*प्रश्न 8, 9 , 10, 11 , 12 का कार्य हिंदी व्याकरण पुस्तिका में करेंगे।

प्र1- एक शब्द में उत्तर दें।

क-शब्द का वह रूप जिस पुरुष जाति का बोध हो _____

ख-लिंग के कितने प्रकार होते हैं?_____

ग-कौन से शब्द सदा बहुवचन में रहते हैं?_____

घ-क्रिया के मूल रूप को क्या कहते हैं? _____

ड-कार्य के भविष्य में होने का बोध किस काल के द्वारा होता है?_____

प्र2-पर्यायवाची शब्द लिखें।

1-कौआ-- _____,   _____ ,   _____

2-गंगा -- _____,   _____ ,   _____

3-चांद -- _____,   _____ ,   _____

4-उन्नति -- _____,   _____ ,   _____

5-पत्थर -- _____,   _____ ,   _____

प्र3- अनेक शब्दों के लिए एक शब्द लिखें।

क-जिसमें सब शक्तियां हो- _____

ख-काम ज्ञान रखने वाला- _____

ग- जो पहले कभी ना हुआ हो- _____

घ-जो बहुत अधिक धनी हो- _____

ड-आसानी से प्राप्त होने वाला-_____

प्र4-समानार्थी शब्द- युग्म बनाएं अर्थात ऐसे शब्द- युग्म जिसमें दोनों शब्द समान अर्थ वाले हो।

1-खेल-_____ , 2-डांटना-_____ , 3-मारना-_____

4-लाज-_____ 5-साधु-_____।

प्र5-निम्नलिखित श्रुतिसम भिन्नार्थक शब्दों से वाक्य बनाएं।

क-आचार- _____

  अचार- _____

ख- निंदा – _____

  निद्रा – _____

ग- दशा- _____

  दिशा- _____

प्र6-निम्नलिखित तत्सम शब्दों के तद्भव शब्द लिखें।

सत्य-- _____

पितृ -- _____

दिवस-- _____

स्वर्ण –_____

अश्रु -- _____

दंत-- _____

प्र7-भाववाचक संज्ञा शब्द बनाइए।

भाई _____, दास _____ ,   उदास_____,

राष्ट्र_____ , नीच_____ ,   मम_____ ।

प्र8-निम्नलिखित वाक्यों में विशेषण छांटकर उनके भेद लिखें।

क-यह फूल कोमल है । _____ ,_____

ख-श्रीनगर में बहुत ठंड पड़ती है। _____ ,_____

ग-मैं पांचवी मंजिल पर रहता हूं। _____ ,_____

घ-सब्जी में जरा -सा नमक कम है। _____ ,_____

ड़-कल रात सड़क दुर्घटना में कई लोग घायल हुए।

प्र 9-निम्नलिखित पद्यांश को पढ़कर प्रश्नों के उत्तर लिखिए।

कभी-कभी कड़वी भी होती, कभी लगे मिश्री सी प्यारी।

बातें डांटे मात- पिता की, पर होती सचमुच हितकारी।।

मन में लेकर प्यार ढेर सा, आशीषों की वर्षा करते।

हमको पथ से भटका देखें, तो कुछ कहने से कब डरते।।

कभी-कभी ऐसा भी लगता, बिन कारण कुछ भी कहते हैं।

हम बेचारे छोटे -से हैं, इस कारण सब कुछ सहते हैं।।

पर ज्वार में यह सोचकर उस घड़ी, खुद को ही कोसा करती है ।।

सोया जान हमें जब मां, आ माथे पर बोसा करती है।।

और पिताजी हाथ जोड़कर, आसमान की ओर देखते ।

प्रेम पता चला आंखों की, जब हम भीगी कोर देखते।

सचमुच मात-पिता साजग में , कौन यहां होता है हितकारी ।।

पिता बड़े बरगद होते हैं और मां खिली खिली फुलवारी।।

1-माता-पिता की बातें व डांटे कैसे लगती है?

2-बच्चों को पथ से भटका देखकर माता-पिता क्या करते हैं?

3-पिताजी का बच्चों के प्रति प्रेम किस प्रकार प्रकट होता है?

4-बच्चों को बुखार में देखकर मां क्या करती है?

5-बच्चे को कब पता चलता है कि माता और पिता जैसा संसार में कोई और नहीं होता?

प्र10-अपने मित्र को पत्र लिखिए जिसमें उसे जल्दी उठने के लाभ बताते हुए देर तक ना सोने की सलाह दी गई हो।

प्र11-आजकल गौरैयों की संख्या तेजी से घट रही है।अपने ऊपर आए इस संकट पर दो गौरैयों की बातचीत को संवाद में लिखिए।

प्र12-अपूर्ण कहानी पूर्ण करें।

     " बालमजदूरी "

नवल पांचवी कक्षा में था। उसके पापा- मम्मी रोज सुबह कार से उसे स्कूल छोड़ने जाया करते थे ।उसके चेहरे से खुशी झलकती थी। दोनों से बातें करते हुए उसका पूरा रास्ता हंसी- खुशी कट जाता था ।एक दिन

जब उसके मम्मी- पापा उसे स्कूल छोड़ने जा रहे थे ,तभी उसकी नजर पास वाली कोठी में झाड़ू लगाते अपनी उम्र के एक बच्चे पर पड़ी।   अब आगे…………………

Class: VIII   **Subject: Science**
Date:
Name: _____   **Roll No. ___**

BIOLOGY

1.   Make a model on the following (any one topic):
1. Method of irrigation
2. Antibiotics
3. Food Preservatives
 4. Agriculture tools

2.   Prepare pamphlets to promote "Organic Farming" in order to spread awareness on Good Agricultural Practices.
3.   Bring innovative idea for INSPIRE AWARD SCHEME. Bring problem and suggestive solution also.
4.   Complete the Biology worksheet in your Biology notebook.

PHYSICS

Make a project file of at least 10 pages on the topic friction. Diagrams are required to be drawn wherever necessary. You can use colourful A4 sheets to make your project creative. Also add pictures and diagrams where required and design a creative cover page for your project file.

CHEMISTRY

Polymers are very large molecules, formed by repeated patterns of chemical units strung together. The protein DNA, which is the —blueprint' for cellular reproduction, is a naturally-occurring polymer. The protein casein, in cow 's milk, is a polymer as well. Other natural polymers are cellulose and starch. Bone, horn, cotton, silk, rubber, paper, and leather all come from naturally-occurring polymers!

Make polymer glue OR polymer clay using glue and corn starch
What You Need:

   ➢ A tall, clear glass
   ➢ Non-fat or skim milk
   ➢ White vinegar
   ➢ Coffee filters or paper towels

What You Do:

1. In a glass, put seven tablespoons of non-fat or skim milk—whole milk contains more fat, which can change the experiment results.
2 Add a tablespoon ofwhite vinegar to the milk; you should see solids begin to form that are suspended in the liquid. The solids will have a grainy appearance. Allow them to settle toward the bottom of the glass, then drain the liquid off, using a coffee filter or paper towel.
3. Now, pat the solids with a paper towel to absorb any excess liquid. You can use the resulting slimy substance as glue—coat two pieces of paper with it, stick them together, and let it dry. Click picturesof

   the product obtained. Write your experiment on A-4 size sheet giving observations and scientific explanation. Also compare effectiveness of your homemade glue work compared to other glues Alternatively, you can also make polymer clay using glue and com starch.

Class: VIII   **Subject: Social Studies**
Date:
Name: _____   **Roll No. ___**

1.Make a project file.

Follow the following steps:-

Take a clean glass tumbler and half fill it with water. Then add some garden soil and mix it with a spoon. Click a picture
Wait for a few seconds, when the lower most layer has settled, click a picture.
Repeat the process of waiting and letting the subsequent layer settle and then clicking the picture.
When all the layers are settled, click another picture.
Paste all the pictures and mention the steps, and label the layers of soil from the last picture

2.Research and explain some effective methods of soil conservation, and describe how they help in preventing soil erosion and maintaining soil health
Write in the A4 sheet with pictures in the Project file.

Class: VIII   **Subject: Computers**
Date:
Name: _____   **Roll No. ___**

Make a PowerPoint presentation of about 15 (or more) slides excluding the title acknowledgement and bibliography slide. You may include the following points:

1. What is machine learning, and why is it important?

2. Types of Machine Learning

3. Applications of Machine Learning

4. How It Works: Simplified explanation of training a model with data and making predictions.

5. Future of Machine Learning: Briefly touch on advancements like deep learning and AI integration.

The presentation is to mailed on the following e-mail ID:

summerholidayhomework8th@gmail.com

Class: VIII   **Subject: Mathematics**

Date:

Name: _____   **Roll No. ___**

1) What number should be subtracted from $\frac{-2}{3}$ to get $\frac{-1}{6}$?

2) Divide the sum of $\frac{65}{12}$ and $\frac{8}{3}$ by their difference.

3) Write 9 rational numbers between 1 and 2.

4) After reading $\frac{7}{9}$ of a book, 40 pages are left. How many pages are there in the book?

5) Evaluate: (a) $\left(\frac{2}{3}\right)^3 \times \left(\frac{2}{3}\right)^2$ (b) $\left(\frac{-2}{7}\right)^{-4} \times \left(\frac{-5}{7}\right)^2$.

6) By what number should $\left(\frac{-2}{3}\right)^{-3}$ be divided so that the quotient may be $\left(\frac{4}{27}\right)^{-2}$?

7) Write each of the following numbers in standard form.
   i) 57.36
   ii) 16800000
   iii) 46300000000000
   iv) 345×10^5

8) Write each of the following numbers in usual form.
   i) 5.17×10^5
   ii) 1.8×10^{-2}
   iii) 5.673×10^{-4}
   iv) 4.1253×10^7

9) Find the largest number of 3 digits which is a perfect square.

10) By what least number should the number 9075 and 7776 be divided to get a perfect square number? Find the number whose square is the new number.

11) By what least number should the number 2156 and 7623 be multiplied to get a perfect square number? Find the number whose square is the new number.

12) Find the least square number which is exactly divisible by each of the numbers 6, 9, 15 and 20.

13) Find the square root of 784, 5329 and 66049 by the long division method.

14) What least number must be added to 5607 to make the sum a perfect square? Find the perfect square and its square root.

15) Find the least number of four digits which is a perfect square. Also find the square root of the number so obtained.

16) Find the greatest number of five digits which is a perfect square. Also find the square root of the number so obtained.

17) The area of square field is 60025m². A man cycles along its boundary at 18km/h. In how much time will he return to the starting point?

18) Evaluate: (a) $\frac{\sqrt{1183}}{\sqrt{2023}}$ (b) $\sqrt{3\frac{13}{36}}$ (c) $\sqrt{3\frac{33}{289}}$

19) Find the smallest number by which 8788 and 1600 must be divided so that the quotient is a perfect cube.

20) Evaluate: (a) $\sqrt[3]{4096}$ (b) $\sqrt[3]{3375}$ (c) $\sqrt[3]{-1331}$ (d) $\sqrt[3]{\frac{-512}{343}}$

21) Find the smallest number by which 2560 and 1323 must be multiplied so that the product is a perfect cube.

22) Evaluate $\sqrt{3}$, $\sqrt{2.8}$ and $\sqrt{0.9}$ correct up to two place of decimal.

23) Find the cost of erecting a fence around a square field whose area is 9 hectares if fencing cost is Rs 35 per metre.

24) 1225 plants are to be planted in a garden in such a way that each row contains as many plants as the number of rows. Find the number of rows and the number of plants in each row.

25) The students of a class arranged a picnic. Each student contributed as many rupees as the number of students in the class. If the total contribution is Rs 1156, find the strength of the class.

26) Using identity, evaluate: (a) $(609)^2$ (b) $(725)^2$ (c) $(491)^2$ (d) $(289)^2$.

27) Find the Pythagorean triplet whose member is: (a) 14   (b) 6.

28) A car is moving at an average speed of $60\frac{2}{5}$ km/hr. How much distance will it cover in $6\frac{1}{4}$ hours?

29) Solve Assertion- Reason questions from page no. 325 to 332 (From R.S. Aggarwal).

30) Solve case based questions from page no. 325 to 332 (From R.S. Aggarwal)