

Holiday Homework

Class 8

Research Based Activities

S.No	Subjects	Research Work	Rubrics
1.	ENGLISH	Given here are the starting of a story line, complete this story in your own imaginative and creative way with a funny /horror /emotional ending. Draw and colour the picture depicting your story. “It was Christmas Eve. Tom couldn’t sleep. He laid in bed tossing and turning, waiting for Santa Claus to arrive. Very quietly he crept out of bed and saw.....”.	▪Content 2 marks ▪Accuracy and Grammar 2 marks ▪Creativity ▪Illustration/drawing1 mark
2.	HINDI	पौराणिक / जातक कथाओं पर आधारित कहानी पुस्तक /पत्रिकाओं से ढूँढ कर चित्र सहित कॉपी में सुंदर लेख में लिखिए।	सामग्री 2 अंक शोध 1 अंक प्रस्तुति 1 अंक चित्र 1 अंक
3.	SCIENCE	Visit to a farm and communicate with farmer, about the agricultural practices adopted by him to produce and manage the crops .Take photograph and stick in notebooks.	Content 2 marks Illustration- 2 marks Presentation-1 mark
4,	SOCIAL SCIENCE	Find out the history and significance of any one historical monument of the city where you spend your summer vacation.	Content- 3 Pictures-1 Presentation-1
5.	MATHEMATICS	Collect electricity bill of 5 of your neighbour up to last 5 month and do comparative study of unit consumption using pie chart. Evaluate the reasons for the difference in the consumption by finding out the different devices they use.	Comparative study-2 marks Pie-chart-2 marks Reasons- 1 mark
6.	SANSKRIT	ऋग्वेद, सामवेद, अथर्ववेद, यजुर्वेद से दो दो मंत्र लिखते हुए उनका संक्षिप्त वर्णन कीजिए।	सामग्री 2 अंक प्रस्तुति 2 अंक शोध 1 अंक
7.	FRENCH	Find about famous French artists [Claude Monet, Edgar Degas, Henri Matisse]. Curate a presentation on Impressionism and its impact on art.	Content- 3 Pictures-1 Presentation-1

Note- Revision worksheets are also attached along with.

The Research work and the revision worksheets have to be done in respective subject notebooks

Submission Date- 25th June 2025

SUMMER HOLIDAY HOMEWORK WORKSHEETS

CLASS-8

Note: The following worksheets have to be done in respective subject notebooks

English

Q1. Read the following extract and answer the questions that are as follows:

"It was now about 2 o'clock of a moonless night; clouds hung black and low. Bodwell was at the window in a minute, shouting, frothing a little, shaking his fist. "We will sell the house and go back to Peoria," we could hear Mrs Bodwell saying. It was some time before Mother 'got through' to Bodwell. "Burglars!" she shouted."

- i. What time of day is described in the extract? What atmosphere does this create?
- ii. How does Bodwell react to the situation? What emotions does his reaction convey?
- iii. What does Mrs. Bodwell's statement suggest about her priorities or concerns?
- iv. Why do you think Mother has difficulty communicating with Bodwell?
- v. What can be inferred about the situation or context that led to Bodwell's outburst?

Q2. Read the following extract and answer the questions that follow:

I will arise and go now,
for always night and day
I hear Lake water lapping with low sounds by the shore ;
While I stand on the roadway, or on the pavements Grey,
I hear it in the deep heart's core.

- i. Identify the rhyme scheme of the stanza given above.
- ii. Name the author.
- iii. What is the significance of the contrast between the "roadway" or "pavements grey" and the natural setting of the lake?
- iv. Analyze the phrase "deep heart's core." What does it suggest about the speaker's emotions?
- v. What message is being conveyed by the author in the extract given above.

हिंदी

प्रश्न 1. राजा ब्रह्मदत्त एवं बोधिसत्व के मध्य हुए वार्तालाप को संवाद के रूप में लिखिए।

प्रश्न 2. पाठ में से कोई 10 एकवचन शब्द ढूँढ कर उनके बहुवचन लिखिए।

प्रश्न 3. 'देश की आर्थिक हालत कृषि पर निर्भर है'
विषय पर 120 शब्दों में अनुच्छेद लिखिए।

प्रश्न 4. निम्नलिखित शब्दों के वर्ण - विच्छेद कीजिए-
व्रत, प्रिया, राष्ट्रीय, पूर्वक

प्रश्न 5. क्या है जंगल के उपकार
मिट्टी पानी और बयार ।

ऐसे ही दो स्लोगन (नारे) और लिखिए।

प्रश्न 6 निम्नलिखित में से अपनी रुचि के कार्य चुनिए और करें।

१) 'अग्नि दुर्घटना' में बचाव कैसे किया जाता है उसके बारे में चित्र सहित लिखिए।

२) 'प्रकृति' पर स्वरचित कविता चित्र सहित लिखिए।

MATHEMATICS

Chapter 1: Rational Numbers

1. Which of the following is an identity element ?

- (i) 1 (ii) -1 (iii) 0 (iv) None of these

2. Which of the following is the Multiplicative identity for rational numbers?

- (i) 1 (ii) -1 (iii) 0 (iv) None of these

3. Which of the following lies between 0 and -1?

- (i) 0 (ii) -3 (iii) $-2/3$ (iv) $4/3$

4. Which of the following is the reciprocal of a?

- (i) -a (ii) a (iii) $1/a$ (iv) $-1/a$

5. What is the additive inverse of $3/5$?

6. Write- (i) The rational number that does not have any reciprocal at all.

(ii) The rational numbers those are equal to their reciprocals.

7. Give a rational number which when added to it gives the same number.

8. Divide the negative of $2/3$ by the inverse of $9/7$.

9. Multiply the negative of $29/2$ by its inverse.

10. Find $3/7 + (-6/11) + (-8/21) + (5/22)$

Chapter 2 : Linear equation in one variable

11. What do we get when we transpose $5/2$ to RHS in the equation $x/4 + 5/2 = -3/3$?

- i. $x/4 = -3/4 + 5/2$
ii. $x/4 = -5/2 + 3/4$
iii. $x/4 = -3/4 + (-5/2)$
iv. none of these

12. If $7x+15 = 50$, then which of the following is the solution of the equation?

- v. -5
vi. $65/7$
vii. 5
viii. $1/5$

13. Solve the following equations:

- i. $5x - 11 = 3x + 9$
ii. $3y + 4 = 7 - 2y$
iii. $9 - 2(x - 5) = x + 10$
iv. $5(y - 1) = 3(2y - 5) - (1 - 3y)$
v. $m - (m-1)/2 = 2m - (m/3)$

14. A father is 3 times as old as his son. If the father is 36 years old, how old is his son?

15. A plane flies 1200 km in 2 hours. How many kilometers does it fly per hour?

16. A woman is 5 years older than her husband. If she is 30 years old, how old is her husband?

17. A shirt is on sale for ₹800, which is ₹200 less than the original price. What is the original price?

Science

- Q1 What is deforestation? Mention two causes of it.
- Q2. How does deforestation affect the environment?
- Q3. What is the difference between a zoo and a wildlife sanctuary?
- Q4. Define biodiversity. Why is it important?
- Q5. What is a biosphere reserve? Name any one in India.
- Q6. What is the role of forests in maintaining the water cycle?
- Q7. How does afforestation help in conserving the environment?
- Q8. What is desertification? How is it linked to deforestation?
- Q9. What are endemic species? Give one example.
- Q10. How can we conserve wildlife? Mention two ways.
- Q11. What are the two main types of crops grown in India? Give examples.
- Q12. Why is soil preparation important before growing crops?
- Q13. What is the purpose of levelling the soil after ploughing?
- Q14. Mention any two methods of sowing seeds.
- Q15. How do manures improve soil fertility?
- Q16. Name any two modern methods of irrigation and explain one.
- Q17. Why is it important to remove weeds from fields?
- Q18. How is harvesting different from threshing?
- Q19. What precautions should be taken while storing food grains?
- Q20. What is the role of fertilizers in crop production?

SOCIAL SCIENCE

1. (a) Name the first Governor General of British India.
(b) In which year did the National Archives of India came up?
(c) How have historians divided the Indian history?
(d) Who was James Mill?
(e) What was James mill's opinion about the Asian societies?
(f) Who was the ruler of England in 1600?
(g) Name the kingdoms which were annexed on the basis of 'Doctrine of Lapse'.
2. Define Dharamshastra.
3. What makes an object or substance a resource?
4. What is meant by sustainable development? Write the principles of Sustainable development.
5. (a) What is resource?
(b) Mention the different types of resources.
(c) Why are people considered a resource?
(d) Give two examples of all kind of resources
6. What is resource conservation?
7. Explain the policy of 'Subsidiary Alliance'.
8. What do you understand by Secularism?
9. Who was the President of the Constituent Assembly? What was its role?

10. Why do we need a Constitution?

11. Mention the Fundamental Rights given in the Constitution.

12. What do you understand by Federalism?

संस्कृत *पूर्णवाक्येन उत्तरम् लिखत-*

1. चरक संहितायां किं वर्णितम् ?
2. शरीरेण स्वस्थाः जनाः किम् कर्तुं समर्थः भवन्ति ?
3. कीदृशं भोजनं न खादेत्?
4. नरः कान् अर्धयेत् ?
5. संजीवः केन पीडितः अस्ति?
6. जनाः व्याघ्रस्य विषये किं वदन्ति स्म?
7. नीचः श्लाघ्यं पदं प्राप्य किं करोति ?
8. मुनिः व्याघ्रं कथं पश्यति ?
9. अनया कथया का शिक्षा प्राप्यते ?
10. मूषकः मुनेः अङ्गं किमर्थं प्राविशत् ?
11. अस्मद्, शब्दस्य चतुर्थी विभक्त्या रूपम् लिखत ।

प्रश्न निर्माणं कुरुत

12. मूषकः व्याघ्रतां नीतः।
 13. कुक्कुरः व्याघ्रात् त्रस्यते।
 14. नीचेषु कृतम् उपकारं व्यर्थम् ।
 15. सः मुनिं हन्तुम् उद्यतः ।
 16. गोतमस्य महर्षेः तपोवने महातपा नाम मुनिः आसीत्।
- *अधोलिखितानाम् वाक्यानाम् संस्कृत भाषायाम् अनुवादं कुरुत* ।
17. हम प्रातःकाल घूमते हैं।
 18. विद्यार्थी चले गये।
 19. वृक्ष जीवन देते हैं।

20 मैं कल आऊँगा।

French

1. Qui a construit la tour Eiffel ?
2. En quelle année la tour Eiffel a-t-elle été construite ?
3. Où se trouve la cathédrale de Notre Dame ?
4. Quel musée était autrefois un hôpital pour les militaires ?
5. Qui a construit l'Arc de Triomphe ?
6. Quelle est la hauteur de l'Arc de Triomphe ?
7. Où se situe le Sacré-Cœur ?
8. Quelle œuvre célèbre de Léonard de Vinci est au Louvre ?
9. Quel musée est installé dans une ancienne gare ?
10. Quels peintres célèbres trouve-t-on au musée d'Orsay ?
11. Que trouve-t-on au musée Grévin ?

- 12 Pourquoi nos amis nous telefonent ils selon le texte?
13. Quel est le contraire de malhonnete dans le texte ?
14. Quel mot est le contraire de “défaut ” d’apres le texte?
15. Je suis(honnete/sincere/serviable): j’aide mes amis
16. Mes Enseignants onten moi (confiance/envie/sincere)