

**SHAMBHU DAYAL GLOBAL SCHOOL**  
**WINTER'S HOLIDAY HOMEWORK**  
**(SESSION 2023-24)**  
**CLASS – 6 (MYP -1)**

S.NO.	SUBJECT	CONTENT
1.	<b>INDIVIDUAL &amp; SOCIETIES</b>	<p>Select any one state of your choice and find information on the following points: Language, Cuisine, Festival, Culture and places of worship.</p> <p>Prepare it on A3 sheet and support with pictures.</p> <p><b>Worksheets given on embibe are to be done in sst register.</b></p> <ul style="list-style-type: none"> <li>• <b>Kindly do the following questions in your register:</b></li> <li>• Justify the statement Diversity enhances creativity.</li> <li>• Elaborate few factors influencing the diversity in india.</li> <li>• What is the interrelationship between Secularism and Democracy in India?</li> <li>• What are features and responsibilities of parliament house?</li> <li>• List five articles of Indian Constitution and explain them in detail.</li> <li>• Explain in detail vertical form of power sharing division of government at different levels?</li> <li>• Draw the preamble the constitution of india on a4 sheet.</li> <li>• Explain the largest union territory in terms of area in detail.</li> <li>• What is the difference between democracy and dictatorship?</li> <li>• What are the advantages of dictatorship?</li> <li>• What are the disadvantages of dictatorship?</li> </ul>
2.	<b>MATHS</b>	<p><b>Do complete the given worksheets on Embibe on the given due dates</b></p> <p><b>Worksheet 1 (Math HW 1-Data Handling) Due date-05/01/23</b></p> <p><b>Worksheet 2 (Math HW 2-Data Handling) Due date-13/01/23</b></p> <p><b>Worksheet 3 – Do complete the given worksheet in your maths register:-</b></p> <p><b>Q.1 Choose the correct options for the following:-</b></p> <p><b>1) What is the range?</b></p> <ol style="list-style-type: none"> <li>a. The sum of the largest and smallest number</li> <li>b. The number in the middle</li> <li>c. The difference between the largest and smallest number</li> <li>d. The number that appears most often</li> </ol> <p><b>2) What is the median</b></p> <ol style="list-style-type: none"> <li>a. The number in the middle when the numbers are in order from greatest to least.</li> <li>b. The number that appears most often.</li> <li>c. The difference between the largest and smallest number.</li> <li>d. the average</li> </ol> <p><b>3. What is the mode?</b></p> <ol style="list-style-type: none"> <li>a. The average</li> <li>b. The number that appears most often.</li> <li>c. The largest number - the smallest number</li> <li>d. The number in the middle.</li> </ol> <p><b>4. Find the mode for the following set of data.</b></p> <p>44, 42, 47, 34, 44, 55, 33, 44, 66</p>

- a. 55
- b. 34
- c. 42
- d. 44

**5. The test results on a math exam were: 77, 66, 70, 83, 88, 64, 93 and 99. What is the median test score?**

- a. 70
- b. 82
- c. 86
- d. 80

**Q.2 Solve the following: -**

1. The tallest player on a basketball team is 75 inches tall. The shortest player is 61 inches tall.

Which conclusion about the heights of the team players is supported by this data? (Hint: Find out Range)

2. The difference between the largest and smallest numbers in a set of data is called \_\_\_\_\_.

3. The middle number in a set of ordered values is called \_\_\_\_\_.

4. Find the mean for the following set of data. Round to the nearest whole number.

68, 71, 67, 104, 118, 109, 64, 101, 157, and 171

5. What is the value of the range of the numbers below?

10, 12, 15, 17, 19, 20

6. Sally went bowling with her friends on Saturday. She bowled 5 games and her scores were 149, 183, 149, 193, and 147. What is the range of her scores?

7. During the carnival, tickets were sold for the raffle. Carnival workers took count of sales every 30 minutes. The number of tickets sold were: 123, 145, 110, 256, 123. What were the median number of tickets sold?

8. 15, 13, 19, 18, 17, 15, 15, 11, 16, 19, 18, 17, 15

Find the following values of Mean, Median, mode and range for the given data set.

9. The mode is 7 for this set of numbers: 7, 9, 2, 7, 3, 7, 8, 9, and 7. True/False. Give an explanation of your answer.

10. The median and the mode will always be the same value. True/False. Give the reason.

11. The average of a set of numbers is called the \_\_\_\_\_.

12. What is the mean, median, and mode of the following set of data?

50, 93, 64, 85, 47, 36, 24, 61, 48, 24, 73

13. Make a pictograph to show the mode of transport used by children to come to school. Use a 'car' to represent 50 students.

Make of Transport	No of Students
Car	700
Bus	550
Cycle	350
Washing	250
Metro	600

		<p>13 The number of runs scored by a player in 4 consecutive years is shown below: Answer the following: (i) How many runs did the player score in the year 2003? (ii) What is the total runs scored by him? (iii) What is the difference between his highest and lowest yearly score?</p> <p><b><u>Maths Activity:</u></b> <b><u>Do complete this activity and present it on A4 coloured sheet.</u></b> <b>Make chits of numbers 1 to 20. Pick up the chits and note down the numbers one by one (on a sheet) 100 times.</b> <b>*Prepare a tally chart / frequency table of the data collected.</b> <b>*Represent your data by using any one of the following form: Bar Graph, Pictograph, Pie Chart</b></p>
3.	SCIENCE	<p style="text-align: center;"><b>Answer the given worksheet in your fair notebook</b></p> <p><b>Q1 Multiple Choice Question.</b></p> <p><b>1. What is a mesocosm?</b> a. A type of computer program b. A small-scale experimental environment c. A large ocean ecosystem d. A musical instrument</p> <p><b>2. Mesocosms are used to study:</b> a. Human behavior b. Plant growth in outer space c. Interactions within ecosystems d. Weather patterns</p> <p><b>3. Which of the following is considered an abiotic component of an ecosystem?</b> a. Plants      b. Animals      c. Rocks      d. Bacteria</p> <p><b>4. Which of the following is a decomposer in an ecosystem?</b> a. Herbivore   b. Carnivore   c. Fungus      d. Producer</p> <p><b>5. Which of the following is an example of a terrestrial habitat?</b> a. Coral reef   b. Desert      c. Ocean floor d. Deep-sea trench</p> <p><b>6. Which of the following is an example of a freshwater habitat?</b> a. Ocean      b. River      c. Coral reef d. Deep-sea trench</p> <p><b>7. Humans are classified as:</b> a. Herbivores   b. Carnivore   c. Omnivores   d. Insectivores</p> <p><b>8. Which one is not the type of Terrestrial Ecosystem?</b> a. Grassland ecosystem                      b. Desert ecosystem c. Fresh water ecosystem                      d. Forest ecosystem</p> <p><b>9. Which of the following is NOT a typical component of a mesocosm?</b> a. Soil          b. Water          c. Plants          d. Rocket engines</p> <p><b>10. What term is used to describe all the living organisms in an ecosystem?</b> a. Producers   b. Consumers   c. Biotic factors   d. Decomposers</p> <p><b>Q11. Answer The Following.</b></p>

		<p align="center"><b>Match the items in Column I with as many items as possible in Column II.</b></p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Column I</td> <td style="text-align: center;">Column II</td> </tr> <tr> <td>1. Deer</td> <td>(i) Autotroph</td> </tr> <tr> <td>2. Parrot</td> <td>(ii) Ecosystem</td> </tr> <tr> <td>3. Cobra</td> <td>(iii) Pond</td> </tr> <tr> <td>4. Pine tree</td> <td>(iv) Deciduous forests</td> </tr> <tr> <td>5. Grasshopper</td> <td>(v) Parasite</td> </tr> <tr> <td></td> <td>(vi) Carnivore</td> </tr> <tr> <td></td> <td>(vii) Producer</td> </tr> </table> <p><b>Q12. Write T for true and F for false:</b></p> <ol style="list-style-type: none"> <li>1. Autotrophs cannot make their own food.</li> <li>2. Omnivores feed on the flesh of dead animals.</li> <li>3. Scavengers help in keeping the environment clean.</li> <li>4. Fungi is an example of a decomposer.</li> <li>5. Plants and animals are not dependent on each other.</li> </ol> <p><b>Q13 Define the following terms-</b></p> <p>a. Ecosystem    b. Herbivores    c. Scavenger</p> <p><b>Q14. Write any two special characteristics of carnivores.</b></p> <p><b>Q15. Define the term (a) flora and (b) fauna..</b></p> <p><b>Q16. Give two examples of each-</b></p> <p>a. Aquatic ecosystem    b. Terrestrial ecosystem    c. Lentic</p> <p><b>Q17. Write an activity to create self-sustaining terrestrial mesocosm.</b></p> <p><b>18. List any three members each of the flora and fauna of tropical rain forests.</b></p> <p><b>19. What will happen if there will be no scavengers?</b></p> <p><b>20. What is meant by carbon sink?</b></p> <p><b>21. Why is biodiversity important for the health of an ecosystem??</b></p> <p><b>22. What are the effects of increased population on ecosystem??</b></p> <p><b>23. Which factors do you find in your surroundings?</b></p> <p><b>24. Are these factors directly or indirectly related to you?</b></p> <p><b>25. From where do the consumers get their food?</b></p>	Column I	Column II	1. Deer	(i) Autotroph	2. Parrot	(ii) Ecosystem	3. Cobra	(iii) Pond	4. Pine tree	(iv) Deciduous forests	5. Grasshopper	(v) Parasite		(vi) Carnivore		(vii) Producer
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4.	HINDI	<p><b>श्न-1</b> निम्नलिखित में से किसी एक विषय पर A4 शीट पर कहानी लेखन कीजिये   (शब्द 100 से 200 तक)</p> <ul style="list-style-type: none"> <li>• सफलता की कहानी</li> <li>• प्रेरणादायक दोस्ती कहानी</li> <li>• परिवार महत्व कहानी</li> <li>• साहस भरी कहानी</li> </ul> <p><b>प्रश्न-2</b> निम्नलिखित प्रश्नों के उत्तर दीजिए।</p> <p>(क) कारक कितने प्रकार के होते हैं उनकी विभक्ति चिन्ह के साथ लिखिए।</p> <p>(ख) करण कारक का उदाहरण दीजिए।</p> <p>(ग) वाक्य के कितने अंग हैं?</p> <p>(घ) वाक्य में इसके बारे में कुछ कहा जाता है उसे क्या कहते हैं?</p> <p>(ङ) पिताजी अखबार पढ़ रहे हैं निम्नलिखित वाक्य में विधेय क्या है?</p> <p><b>प्रश्न 3</b> कॉफी बेचने के लिए 25 - 50 शब्दों में आकर्षक विज्ञापन सचित्र लिखिए।</p> <p><b>प्रश्न 4</b> शीतकालीन छुट्टियों के बारे में बातचीत करते हुए दो मित्रों के बीच संवाद लेखन कीजिए।</p>																

5.	ENGLISH	<p><b>Q-1</b> Compose a poem on the topic ‘The Robot’ (atleast 10 lines)</p> <p><b>Q-2</b> Draft a poster to spread awareness against the use of polythene bags.</p> <p>Note-Use A4 size sheet for Q1 &amp; 2.</p> <p style="text-align: center;"><b>THE SENTENCES</b></p> <p><b>Q-3</b> Rearrange the following groups of jumbled words in a meaningful sentence:</p> <p>a. Banana snatched a boy from monkey the a. _____</p> <p>b. Blooming lilies are beautiful garden in our. _____</p> <p>c. Shout loudly what so makes you? _____.</p> <p><b>Q-4</b> Circle the subject and underline the predicate in the following sentences:</p> <p>a. Shaswat and his school friends are coming along.</p> <p>b. Leaves of the swaying tree were casting their shadow on the ground.</p> <p><b>Q-5</b> Identify the kinds of the following sentences:</p> <p>a. They did not help me at all. _____</p> <p>b. Get out of my house immediately. _____ c.</p> <p>Wow! What a beautiful solitaire! _____</p> <p>d. Wish you all the best in life! _____</p> <p>e. Are you insane? _____</p> <p><b>Q-6</b> Rearrange the following group of words to make the kind of sentences mentioned in brackets for each. Remember to put the appropriate punctuation.</p> <p>a. Is melodious choir this how (exclamatory) _____</p> <p>b. Picnic outlet go us a for (imperative) _____</p> <p>c. Not you as ready yet why are (interrogative) _____</p> <p>d. Selected team I been to play for the have (assertive) _____</p> <p><b>Q-7</b> There are ten words given in the box and there are ten sentences. Place these words in those sentences (one each). The words should be used as adjectives.</p> <ol style="list-style-type: none"> <li>There are _____ boys in the field.</li> <li>I like a _____ pen.</li> <li>It’s a _____ tree.</li> <li>The ship sustained _____ damage.</li> <li>It is the book _____ you gave me.</li> <li>He is a man of few _____.</li> <li>This is a _____ wire.</li> <li>She has _____ hair.</li> <li>I have read _____ book.</li> <li>_____ She is Alice nor Saisha.</li> </ol>
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