

SHAMBHU DAYAL GLOBAL SCHOOL
WINTER'S HOLIDAY HOMEWORK
(SESSION 2023-24)
CLASS – 7 (MYP -2)

S.NO.	SUBJECT	CONTENT
1.	INDIVIDUAL & SOCIETIES	<p>The following tasks need to be done in your respective register.</p> <p>a. Write a short story or draw a comic strip depicting life in a society under a dictatorship. Explore how individuals might feel and react in such a system.</p> <p>b. WORKSHEET-</p> <ol style="list-style-type: none"> 1. Imagine a world without Human Rights. Discuss common problems leading to lack of these rights and find solutions. 2. What are the different types of Government? Give examples with definitions. 3. Differentiate between constitutional monarchy. 4. Is the US actually an Oligarchy? If yes, then explain how it follows this form of government. 5. What do you mean by Totalitarian government? Support with examples. 6. Write any five demerits of parliamentary System? 7. Explain any three features of the Federal Government. 8. What are the three pillars of the UN? 9. How does the International Telecommunication Union (ITU) contribute to global communication and information technology standards? 10. How does the Food and Agriculture Organization (FAO) work to address global challenges related to agriculture and food? 11. What is the significance of the Question Hour in Lok Sabha sessions? 12. How are bills introduced and debated in the Lok Sabha, and what is the role of standing committees in this process? 13. How is the Vice President selected, and what is their role in relation to the President? 14. Discuss the role of the International Monetary Fund (IMF) within the United Nations system? 15. How does the United Nations Educational, Scientific and Cultural Organization (UNESCO) promote cultural diversity and heritage protection? 16. What challenges do local governments face in India, and how can they be addressed? 17. How do local governments participate in the implementation of central government schemes and programs? 18. How do local governments address issues related to sanitation, health, and education at the community level? 19. What initiatives have been taken to promote women's participation in local governance in India? 20. What are some key trends and future challenges for municipalities in the 21st century?

2.	MATHS	<p>Achieve Journey: Ch- Comparing Quantities: Due Date: 03.01.24 Test 2: Comparing Quantities: Start Date: 18.12.23: End Date: 2.01.24 Prepare one case study for the topic Dealing with market conditions based on real life experience on A4 sheet with 5 questions (RATIO, PROFIT and LOSS, PERCENTAGE, SIMPLE INTEREST, COMPOUND INTEREST, CHAIN OF PRODUCT SUPPLIERS) YOU CAN SELECT ANY ONE TOPIC FOR THE CASE STUDY AS PER YOUR CHOICE, EXAMPLE: FOR RATIO (CAN TAKE ANY RECIPIE) FOR PROFIT AND LOSS (YOUR DEALING WITH SHOPKEEPER) FOR PERCENTAGE (CAN TAKE EXAMPLE OF POPULATION, SALARY, PRICE) FOR SIMPLE INTEREST AND COMPOUND INTEREST (CAN TAKE CASE OF BORROWING MONEY) CHAIN OF PRODUCT SUPPLIER(CAN TAKE ANY PRODUCT AND HOW IT SUPPLIED IN MARKET TO CUSTOMERS)</p> <p>NOTE: DO BOTH THE WORKSHEETS IN THE MATHS REGISTER ONLY</p> <p style="text-align: center;">SHAMBHU DAYAL GLOBAL SCHOOL CLASS 7 WORKSHEET 1 COMPARING QUANTITIES</p> <p>Q1. Find a) 16% of 25 litres b) 4 % of Rs 1800 c) a number whose 4% is 72</p> <p>d) x if 6 is 50% of x e) ratio of 15 days : 3 weeks f) x if x , 4 , 9 and 12 are in proportion.</p> <p>Q2. Ashu has 24 pages to write. By evening, he had completed 25% of his work. How many pages were left?</p> <p>Q3. In a fabric , cotton and synthetic fibres are in the ratio 2:3. What is the % of cotton fibre in the fabric?</p> <p>Q4. Mr. Virmani purchased a house for Rs 365000 and spent Rs 135000 on its repairs. If he sold it for Rs 550000, find his gain or loss percent.</p> <p>Q5. A bookseller sells all his books at a profit of 10%. If he buys a book from the distributor at Rs 200, how much does he sell it for? Q6. By selling an AC for Rs 18000, I lose 20%. What did I pay for it?</p> <p>Q7. In how many years will Rs 750 amount to Rs 900 at 4% per annum?</p> <p>Q8. What sum will amount to Rs 900 in 6 years at 10% simple interest?</p> <p>Q9. The population of a town in 2005 was 1800000 and in 2009 was 2100000. Find the increase per cent.</p> <p>Q10. What is the rate of interest which yields an interest of Rs 280 on a sum of Rs 56000 for 2 years.</p>
----	--------------	---

SHAMBHU DAYAL GLOBAL SCHOOL
CLASS 7
WORKSHEET 2
COMPARING QUANTITIES

1. Find the ratio of 30 days to 30 hours.
2. In a class, there are 4 pencils for 2 students. Then, how many pencils are there in total if 30 students are present in the class?
3. Convert 25 into percentage.
4. Convert 6.25 into percentage.
5. Find 75% of 2 kg.
6. Find the whole quantity if 2% of it is 20.
7. Convert 16% into decimal form.
8. In a party, 16% were male, 40% were females, and the remaining were children. Find the percentage of children present in the party

3.

SCIENCE

Kindly go through **Embibe portal**, log in with your Id/password, there are two Winter Break worksheets please do them online only. Worksheets would be accessible from 31 December 2023.

Science Worksheet-(offline)

Try to solve all 24 Questions, based on unit -5 'Waves' & do it in your fair science notebook.

Question 1

Fill in the blanks

- a. The production of sound takes place due to _____.
- b. _____ is a fixed position where the oscillations produced.
- c. Amplitude is measured in _____.
- d. The time period is measured in _____.
- e. The number of oscillations takes place in one second is called _____.

Question 2

True and False

- a. Frequency is measured in Hertz.
- b. Shrill has a low frequency.
- c. Male has a shrill voice.
- d. The unit that is used to measure the loudness of sound is Hertz.
- e. Wavelength is measured in Lambda.

Question 3

Name the following :

- a. The time taken by any object to complete one oscillation.
- b. The distance between two consecutive crests or troughs.
- c. The frequency of sound that is above 20,000 Hz.
- d. The frequency of sound that is below 20 Hz.
- e. The maximum displacement covered by a particle from its mean position.
- f. Two thin membranous structures that control the production of sound.
- g. The sound is produced in this part of the human body.
- h. Sound needs this to propagate.
- i. The quality of the sound that depends on the source of sound.

j. An irritating sound that is unpleasant to ears.

Question 4

Very short answer type questions:

(i)What is decibel?

(ii)Write an equation that shows the relation between frequency and time period.

(iii)Give two examples of oscillatory motion.

(iv)What is gruff sound?

(v)Name three basic parts of human ear.

Question 5

What does voice box or larynx of human produces?

Question 6.

In which medium sound propagates the maximum?

Question 7

Name the sound producing organ in human.

Question 8

What is vibration?

Question 9

What is an oscillation?

Question 10

How does sound produced in solids?

Question 11

Name a musical instrument which produces sound by blowing air into it.

Question 12

What is the unit of frequency?

Question 13

What do you mean amplitude?

Question 14

What is the maximum displacement of an oscillating object is called?

Question 15

How does sound help us?

Question 16.

What is the unit of loudness?

Question 17

What is audible sound?

Question 18

In which medium sound travels faster?

Question 19

A simple pendulum makes 20 oscillations in 40 seconds. What is the time period and frequency of its oscillation?

Question 20.

Sonali heard sound of thunderbolt 5 second after she saw flash of lightning. How far is she from the place where lightning occurs?

(speed of sound = 330 m/s)

Question 21.

What is frequency?

Question 22

What do you mean by oscillatory motion?

Question 23

Two astronauts are floating close to each other in space. Can they talk to each other without using any special device? Give reasons.

Question 24

What are infrasonic sounds?

		<p>Try to make a stethoscope as working model. Helping links – https://youtu.be/b-Hv7n92OOI?si=GtYsHDgRKmuyZYYe https://youtu.be/hQKTjb-z6zk?si=H_VbxlFEZjrKEWNf</p>
4.	HINDI	<p>प्र.1 अपठित' गद्यांश को पढ़कर प्रश्नों के उत्तर पुस्तिका में लिखिए। वीरता की अभिव्यक्ति अनेक प्रकार से होती है। लड़ना-मरना, खून बहाना, तोप-तलवार के सामने न झुकना ही नहीं कर्ण की भाँति याचक को खाली हाथ न लौटाना या बुद्ध की भाँति गूढ़ तत्वों की खोज में सांसारिक सुख त्याग देना भी वीरता ही। है। वीरता तो एक अंतःप्रेरणा है। वीरता देश-काल के अनुसार संसार में जब भी प्रकट हुई, तभी अपना एक नया रूप लेकर आई और लोगों को चकित कर गई। वीर कारखानों में नहीं ढलते, न खेतों में उगाए जाते हैं, वे तो देवदार के वृक्ष के समान जीवनरूपी वन में स्वयं उगते हैं, बिना किसी के पानी दिए, बिना किसी के दूध पिलाए बढ़ते हैं। वीर का दिल सबका दिल और उसके विचार सबके विचार हो जाते हैं। उसके संकल्प सबके संकल्प हो जाते हैं। औरतों और समाज का हृदय वीर के हृदय में धड़कता है।</p> <p>(क) वीरता के प्रकार हैं</p> <p>(i) लड़ाई (ii) याचक को खाली हाथ न जाने देना (iii) ज्ञान की खोज में संसार-त्याग (iv) उपर्युक्त सभी</p> <p>(ख) उपयुक्त शीर्षक दीजिए</p> <p>(i) वीरता (ii) वीरों का उद्भव (iii) वीरता का महल (iv) कोई नहीं</p> <p>(ग) वीर कहाँ उत्पन्न होते हैं?</p> <p>(i) वे देवदार के वृक्ष के समान स्वयं उगते हैं तथा बड़े होते हैं। (ii) कारखानों में (iii) खेतों में (iv) कोई नहीं</p> <p>(घ) वीर पुरुष की क्या पहचान है?</p> <p>(i) वह सबका चहेता होता है। (ii) उसके संकल्प समाज के संकल्प होते हैं। (iii) (क) व (ख) (iv) कोई नहीं।</p> <p>(ङ) 'सुख' का विलोम है</p> <p>(i) दुःख (ii) सुखी (iii) कमज़ोर (iv) कोई नहीं</p> <p>प्र.2 निम्नलिखित में से किसी एक विषय पर A4 शीट पर शिक्षा सहित कहानी लिखिए ॥ (शब्द 100 से 200 तक)</p> <ol style="list-style-type: none"> नाच न जाने आँगन टेढ़ा मुहावरे पर कहानी लिखिए। अपनी कमियों और खूबियों पर कहानी लिखिए। एक ऐसे बच्चे की कहानी लिखिए जिसे मोबाइल की लत लग गयी हो। शरारत का बुरा फल, रंगा सियार, दो मित्र और रीछ <p>3 निम्नलिखित शब्दों के तीन-तीन पर्यायवाची अपनी पुस्तिका में लिखिए।</p> <ol style="list-style-type: none"> पक्षी - पृथ्वी - पर्वत - पत्ता -

		<p>5. पुत्री - 6. प्रकाश - 7. मित्र - 8. समुद्र - 9. शिक्षक - 10. सूर्य -</p> <p>प्र.4 निम्नलिखित शब्दों के विलोम शब्द अपनी पुस्तिका में लिखिए।</p> <p>1. महात्मा 2. आजाद 3. रक्षक 4. स्वस्थ 5. शाकाहारी 6. हिंसा 7. साकार 8. अच्छा 9. स्वतंत्र 10. शरद</p> <p>प्र.5 'विद्यार्थी पुस्तक भंडार' में पुस्तकों की बिक्री बढ़ाने हेतु एक विज्ञापन अपनी उत्तर पुस्तिका में तैयार कीजिए।</p> <p style="text-align: center;">या</p> <p>'चित्रा' पेंसिल बनाने वाली कंपनी के लिए विज्ञापन अपनी उत्तर पुस्तिका में तैयार कीजिए।</p>
5.	ENGLISH	<p>1. Compose a poem on the topic Nature and wildlife 2. Write a speech on the topic 'cleanliness is next to godliness' 3. Make a collage on the topic of famous writers and books. 4. Do comprehension passage 1. from book on page no. 102 in your notebook.</p>