

**INFANT JESUS CONVENT SCHOOL**  
**SESSION: 2024-25**  
**CLASS: VIII**  
**WINTER HOLIDAYS HOMEWORK**

**English**

- 1) Do all exercises of classroom assignments 6,7,8 of BBC module 1.
- 2) Make a pamphlet denoting some main discoveries in the field of Medicine alongwith the pictures of the discoverers (Refer to unit 5 of English literature book).

**Hindi**

पाठ :-16,17,18 ध्यानपूर्वक पढ़ें व अभ्यास कार्य करने का प्रयास करें।  
गतिविधि :-पेड़ मनुष्य की किन-किन आवश्यकताओं की पूर्ति करते हैं चित्र सहित A4 साइज शीट पर दर्शाए।

**Punjabi**

**Activity 1.** ਆਪਣਾ ਪਰਿਵਾਰ ਦੇ ਸਾਰੇ ਜੀਆਂ ( ਮੈਂਬਰਾਂ ) ਦੇ ਸਭਾਅ ਬਾਰੇ ਵੱਖ ਵੱਖ ਪੈਰਿਆਂ ਵਿੱਚ ਤਸਵੀਰ ਲਗਾ ਕੇ ਲਿਖੋ ।

**Activity 2.** ਆਪਣੀ ਸਵੈ ਰਚਿਤ ਕਵਿਤਾ / ਕਹਾਣੀ / ਲੇਖ / ਗੀਤ (ਕੋਈ ਇੱਕ) ਲਿਖੋ।

**ਪਾਠ 21 ਅਤੇ 22 ਪੜ੍ਹੋ ਅਤੇ ਪਿਛਲਾ ਅਭਿਆਸ ਕਾਰਜ ਪੂਰਾ ਕਰੋ ।**

**Mathematics**

**HOLIDAY HOMEWORK CLASS 8 MATHEMATICS**

- **Complete pending work and practice workbook**
- **Activities-1. Comparing Quantities**  
2. Real life example of Direct and Inverse Proportion
- **Complete the given worksheet in practice notebook /loose sheets.**

**WORKSHEET (CHAPTER 1, 5, 7, 10, 13)**

Q1. An article is marked at 940. If it is sold for 799, then find the discount per cent.

Q2. i) **Calculate the ratio of 5 m to 20 km.**

ii) **Express 25% and 12% as decimals.**

Q3. A watch was bought for ₹2,700 including 8% VAT. Find its price before the VAT was added.

Q4. **If 72% of 25 students like maths, find out the number of students who do not like mathematics?**

Q5. Find the amount of 6,250 at 8% pa compounded annually for 2 years. Also, find the compound interest.

Q6. Maria invested 8,000 in a particular business. She would eventually be paid interest at 5% per annum compounded annually. Find out

(i) The amount credited against her name, particular at the end of the second year

(ii) The interest for the third year

Q7. **Solve  $3^{-4}$  and  $(\frac{1}{2})^{-2}$**

Q8. **Express  $4^{-3}$  as a power with base 2.**

Q9. **Find the value of x for which  $2^x \div 2^{-4} = 4^5$**

Q10. Find the rational numbers between  $-2/5$  and  $1/2$ .

Q11. Simplify the following and write in exponential form.

(i)  $(3^6 \div 3^8)^4 \times 3^{-4}$

(ii)  $127 \times 3^{-3}$

Q12. Divide 293 by 10,00,000 and express the result in standard form.

Q13. Express the following number as a product of powers of prime factors.

(a) 1225

(b) 3600

Q14. Verify associativity of addition of rational numbers when,  $x=1/2$ ,  $y=1/3$ ,  $z=-1/5$

Q15. What is the least number that must be subtracted from 3793 so as to get a perfect square? Also, find the square root of the number so obtained.

**Q16.** The area of a rectangular field whose length is twice its breadth is 2450 m<sup>2</sup>. Find the perimeter of the field.

Q17. Find the length of a diagonal of a rectangle with dimensions 20 m by 15 m.

Q18. The following table shows the amount of rice grown by a farmer in different years:

Years	2000	2001	2002	2003	2004	2005	2006
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Rice grown (in quintals)	200	180	240	260	250	200	270
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Plot a graph to illustrate this information.

Q19. The cost of a notebook is Rs.10. Draw a graph after making a table showing the cost of 2,3, 4 ...Notebooks. Use it to find a) The cost of 7 notebooks

(b) The number of notebooks purchased with Rs 50.

Q20. The following table shows the number of patients discharged from a hospital with HIV diagnosis in different years:

Years	2002	2003	2004	2005	2006
Number of Patients	150	170	195	225	230

Represent the information with a graph.

## Social Studies

### PROJECT ON DISASTER MANAGEMENT

Make a project on \*Bhopal Gas Tragedy citing the causes of the tragedy and steps taken by the government to help the victims Soon after and many years after the tragedy.

\*Paste relevant pictures too .

Read chapter \*women, caste and reform.

\*Learn questions answers of public facilities chapter

## Science

### CLASS 8 HHW SCIENCE

1. Revise chapters 2,4,6,7,10
2. Read chapters 11,12, 13
3. Try to work out the back exercises of chapters 11, 12 and 13
4. Prepare roleplay on disaster management (group activity)

## Moral Values

Make a certificate of gratitude for the person whom you consider as an angel in your life.