

**Dr. Virendra Swarup Education Centre (Sr. Wing), Shyam Nagar, Kanpur**  
**Winter Holiday Home Work Class – 7**

**English Language**

Revise all the topics taught till date

**English Literature**

Use the given format to write a report of the chapter:

The Dying Detective

OR

The Quarrel

**Science: Physics**

Prepare a working model of Newton's Disc "OR" make your own thermos flask

**Chemistry**

Stick pictures to show five chemical changes that occur in nature (work should be done in the note book)

**Biology**

Find out facts & features related to animal fibres (any two) & synthetic fibres (any two) & also stick the fabric. (work should be done in the note book)

**Computer Science**

Revise the syllabus for the final examination

**Maths**

Solve revision sheet (Page No. 340) and practice sheet 12 in your maths 2 register

**Geography**

Explain the various types of Natural vegetation and Wild life along with their pictures in notebook.

**History / Civics**

Collect the pictures of various classical dance forms of India and write about them in your notebook

**1. The following passage has not been edited. There is an error in each line.**

Underline the incorrect word and write the correct word in the blank provided.

- A biography is the study for the life (a) \_\_\_\_\_  
of a person wrote by someone else. (b) \_\_\_\_\_  
The story about the life of a person (c) \_\_\_\_\_  
written by himself in autobiography. (d) \_\_\_\_\_

**2. Fill in the blanks with suitable prepositions:**

Suddenly she came upon a three- legged table, all made up \_\_\_\_\_ solid glass;  
there was nothing \_\_\_\_\_ it except a tiny golden key, and Alice's first thought was  
that it might belong \_\_\_\_\_ one of the doors of the hall; but, alas! Either the locks  
were too large, or the key was too small, but \_\_\_\_\_ any cost it would not open  
any \_\_\_\_\_ them.

**3. Change the following sentences into passive voice:**

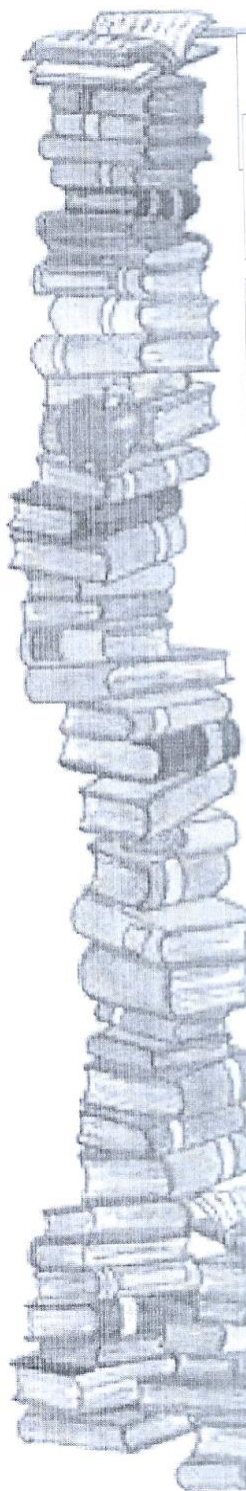
1. The government will ply extra buses on Rakhi festival.
2. Who is driving the car?
3. Mother will cook desserts.
4. They were eating breakfast.
5. The bankers had already opened the gate.
6. The postman has delivered the letters.

**4. Change the following sentences into indirect speech:**

1. She said, "It is going to rain in a few minutes."
2. The manager says, "You have done a good job."
3. The science teacher explained, "Water freezes at zero degree."
4. "Last night, I came back late", said Tracy.
5. Dolly declared, "These are my dolls."

**5. Rearrange the following words to form meaningful sentences:**

1. are many ants of kind there
2. have ants don't ears
3. is of life ant peaceful very an
4. lift ant body an it's can own 20 times weight
5. does share, its each work of intelligently



# Chapter Report

**Title:** \_\_\_\_\_

**Author:** \_\_\_\_\_

**QUICK SUMMARY**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**DRAW YOUR FAVOURITE CHARACTER**

**WHO IS YOUR FAVOURITE CHARACTER AND WHY?**

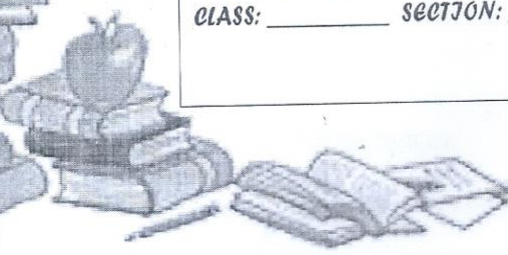
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**WHICH WAS THE BEST PART OF THE STORY AND WHY?**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NAME:** \_\_\_\_\_

**CLASS:** \_\_\_\_\_ **SECTION:** \_\_\_\_\_



- 1) Add the integers : a)  $-5928$  and  $-965$       b)  $-36$  and  $19$       c)  $47$  and  $-27$   
d)  $-2056$  and  $679$       e)  $-236$  and  $573$
- 2) Divide : a)  $-115$  by  $23$     b)  $168$  by  $-7$     c)  $-272$  by  $-16$     d)  $-324$  by  $-27$
- 3) Arrange the fractions  $\frac{4}{5}$ ,  $\frac{7}{10}$ ,  $\frac{8}{15}$  and  $\frac{17}{30}$  in the decreasing order .
- 4) Simplify : a)  $5\frac{1}{2}$  of  $(\frac{2}{3} - \frac{3}{5}) + \frac{1}{2} \div \frac{5}{11}$       b)  $[3\frac{1}{4} \div \{1\frac{1}{4} - \frac{1}{2}(2\frac{1}{2} - \frac{1}{4} - \frac{1}{6})\}]$   
c)  $(a^2 - 8ab - 5) + (3ab - 4a^2 + 8)$       d)  $(x^2 - y^2 + 2xy + 1) - (x^2 + y^2 + 4xy - 5)$   
e)  $2x - [3y - \{2x - (y - x)\}]$
- 5) Find the ratio of the price of coffee to that of tea when coffee costs ₹24 per 100 g and tea costs ₹80 per kilogram .
- 6) The number of boys and girls in a school are 1168 and 1095 respectively . Express the ratio of the number of boys to that of the girls in simplest form .
- 7) The ratio of copper and zinc in an alloy is 5 : 3 . If the weight of copper in the alloy is 30.5 g , find the weight of zinc in the alloy .
- 8) Find the area of a rectangle whose length and breadth are 45 cm and 16 cm respectively . Also , find the perimeter of the rectangle .
- 9) Find the area and perimeter of a rectangular plot of land whose length and breadth are 15.4 m and 6.5 m respectively .
- 10) Find the cost of cultivating a rectangular field 34 m long and 18 m wide at ₹4.50 per sq metre . Also , find the cost of fencing the field at ₹2.25 per metre .
- 11) A room is 9.68 m long and 6.2 m wide . Its floor is to be covered with rectangular tiles of size 22 cm by 10 cm . Find the total cost of the tiles at the rate of ₹5 per tile .
- 12) The total cost of flooring a room at ₹8.50 per sq metre is ₹510 . If the length of the room is 8 metres , find its breadth .
- 13) The length and breadth of a rectangular park are in the ratio 5 : 3 and its perimeter is 128 m . Find the area of the park .
- 14) Deepak is twice as old as his brother Vikas . If the difference of their ages be 11 years , find their present ages.
- 15) The sum of two consecutive even numbers is 74 . Find the numbers .
- 16) One out of two numbers is thrice the other . If their sum is 124 , find the numbers .
- 17) Solve : a)  $x - 7 = 5 + \frac{x}{2}$     b)  $3(x + 3) - 2(x - 1) = 5(x - 5)$     c)  $\frac{x}{8} - \frac{1}{2} = \frac{x}{6} - 2$
- 18) A car is running at a uniform speed of 60 km per hour . In how many hours will it cover 1140 km?
- 19) A transport company charges ₹180 to carry 25 tonnes of weight .What will it charge to carry 35 tonnes ?
- 20) In an army camp , there were provisions for 550 men for 28 days . But , 700 men attended the camp . How long did the provisions last?

## शीतकालीन हिंदी गृह कार्य

### कक्षा -7

हिंदी परियोजना कार्य ★ 【अरुणाचल प्रदेश या मेघालय】 से संबंधित वेशभूषा, खानपान, प्रसिद्ध उद्योग, पर्यटन स्थल, प्रसिद्ध मंदिर, नृत्य, वाद्य यंत्र, प्राकृतिक दृश्य】 ★ विषयों में से किन्हीं तीन बिंदुओं पर चार पृष्ठों की चित्र सहित परियोजना फाइल तैयार कीजिए।

★ 【हिंदी भाषा】 की पाठ्य पुस्तक में दिए गए 7 एवं 10 कार्य- प्रपत्र पुस्तक में ही कीजिए। ★ हिंदी साहित्य एवं भाषा के समस्त पाठों को स्मरण कीजिए

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## शीतकालीन अवकाश हेतु गृहकार्य - 2022-23

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विषय: संस्कृत

कक्षा - VII

- (I) 'दिव्यम्' पुस्तक में पृष्ठ संख्या 113, 114, 115 तथा 116 पर दिए गए प्रश्न पत्र को पुस्तक में कीजिए।
  - (II) सप्तमः पाठः 'पीयूष-बिन्दवः' नामक में लिखित श्लोकों को कण्ठस्थ कीजिए।
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