

Dr. Virendra Swarup Education Centre (Sr. Wing), Shyam Nagar, Kanpur
Holiday Homework [2024-25]
Class – VII

English Language

- Solve the worksheet in the revision register. Learn the vocabulary.

English Literature

- Prepare all the chapters taught for the upcoming test.

Maths

- Do practice sheet -2 and test paper – 3 (Page 53) in your maths -2 register.

A project has to be made on the topic 'Smart City – Kanpur' covering the following topics:

Science

- How would you make your city energy efficient?
- What ways should be adapted to make our city self-reliant?
- Suggest some ways to reduce pollution.

S. St.

- Discuss some of the major landmarks of our city that can be developed as a tourist destination.

Hindi

- A logo for Kanpur should be designed with a caption

Computer

- Do the given worksheet in Computer notebook.
- Revise all the chapters done till date for the July test.

ग्रीष्मकालीन अवकाश हेतु गृहकार्य (2024-25)

विषय: संस्कृत

कक्षा: VII

(I) 'दिव्यम्' पुस्तक में पृष्ठ संख्या (133, 134, 135) पर दिए हुए अपठित गद्यांशों को पुस्तक में ही करिए।

(II) 'मणिका संस्कृत व्याकरण' नामक पुस्तक में 'उच्चारण-स्थानानि' नामक पाठ में दिए हुए उच्चारणस्थान के नियमों को कठस्थ करिए।

(III) जुलाई माह परीक्षा पाठ्यक्रम को पढ़िए।

ग्रीष्मकालीन गृह कार्य हेतु पाठ्यक्रम 2024-25

विषय -हिंदी साहित्य एवं हिंदी भाषा)

*हिंदी भाषा का कार्य प्रपत्र (1) अपनी पाठ्य पुस्तक में ही करना है ।

★(हिंदी साहित्य)जुलाई परीक्षा हेतु दिए गए पाठों को ध्यान से पढ़िए उनसे संबंधित अभ्यास कार्य तथा शब्द अर्थ भी याद कीजिए।

Dr. Virendra Swarup Education Centre,Shyam Nagar(Sr.Wing)(2024-25) Class 7 Maths Practice Sheet 2

Solve in maths 2 register.

Q1-Verify $(-50) \times [37 + (-7)] = (-50) \times 37 + (-50) \times (-7)$

Q2-A shopkeeper earns a profit of rupees 1 by selling one pen and incurs a loss of 40 paise per pencil while selling pencils of his old stock.

- In a particular month he incurs a loss of rupees 5. In this period,he sold 45 pens.How many pencil did he sell in this period?
- In the next month,he earns neither profit nor incurs a loss.If he sold 70 pens.How many pencils did he sell?

Q3-Kiran purchased $3\frac{1}{2}$ kg apples, $4\frac{3}{4}$ kg oranges and remaining kiwis .What is weight of kiwis if she purchased $10\frac{1}{2}$ kg fruits?

Q4-Arrange $\frac{3}{4}$, $\frac{4}{5}$, $\frac{3}{8}$ in ascending order.

Q5-Renu spent $\frac{3}{7}$ of her pocket money on purchasing new English book and its left with ₹ 220. find the cost of English book.

Q6-Write name and expanded form of 240.608.

Q7-Each side of a regular polygon is 2.5 cm in length.The perimeter of the polygon is 12.5 cm,find the number of sides of the polygon.

Q8-What should be subtracted from 30 to get 23.709?

Q9-If 2 angles are supplementary angles and one angle is 30° less than twice of the other,find the angles.

Q10-Express 15625 in the exponential form.

Q11-Write 2794026 in the expanded exponential form.

Q12-Write 4.87×10^8 in the decimal notation.

Q13-Write 70042000000 in scientific notation.

Q14-Simplify

$$(i) \left(\frac{-1}{2}\right)^5 \times 2^6 \times \left(\frac{3}{4}\right)^3 \quad (ii) \left[\left(\frac{-3}{4}\right)^3 - \left(\frac{-5}{2}\right)^3\right] \times \left(\frac{-2}{3}\right)^4$$

i. Simplify the following :

$$(i) \left(\frac{3}{2}\right)^{-1} \div \left(\frac{-2}{5}\right)^{-1} \quad (ii) \left[\left\{\left(\frac{-1}{4}\right)^2\right\}^{-1}\right]^{-2}$$

$$\text{Simplify : } \left(\frac{1}{3}\right)^{-2} + \left(\frac{1}{4}\right)^{-2} + \left(\frac{1}{5}\right)^{-2} - \left(\frac{1}{6}\right)^{-2}$$

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Cl. 7 English Holiday Homework Worksheet (2024-25)

I. Fill in the blanks with the correct form of the verb:

- a. I _____ (study) History when my friend _____ (come) around.
- b. While Susan _____ (walk) in the street, she _____ (meet) an old friend.
- c. She said that her friend had _____ (betray) her.
- d. For what I know about him, I _____ (hesitate) to trust him.
- e. We _____ (buy) a new car yesterday.
- f. Ann _____ (not help) me with my homework yesterday.
- g. This time next summer, I _____ (study) yoga in India.
- h. James is _____ (learn) to drive this summer. He needs it for his job.

II. Write the past form of the given verbs.

- | | | | |
|-----------|------------|-----------|-----------|
| a. eat: | b. think: | c. write: | d. cut: |
| e. lose: | f. choose: | g. speak: | h. tell: |
| i. begin: | j. know: | k. buy: | l. sleep: |
| m. be: | n. sing: | o. put: | p. keep: |

III. Fill in the blanks with suitable prepositions:

- a. John was pleased _____ his birthday present.
- b. Rose is angry _____ the way she's been treated.
- c. Rohan's mother was shocked _____ the news.
- d. Shakespeare was born _____ 1564 _____ 26th of April and died _____ 1616.
- e. At least give her credit _____ trying.
- f. Riya insisted _____ paying for the meal.
- g. Greece is famous _____ the tourists.
- h. Sorry, I don't agree _____ you.

IV. Choose the correct word.

- a. We went on a *trip/travel* round the world.
- b. Rupali has booked a three-week *cruise/voyage* round the islands.
- c. You usually need a *passport /permission* to go from one country to another.
- d. Have you ever been to a *stranger/foreign* country?
- e. Have you got a *plan/map* of the city?
- f. Most people like to travel *outside/abroad*.

V. Do as directed:

- a. Change *mean* into something used at the end of a prayer.
- b. Change *slime* into something you do with your face.
- c. Change *nerve* into an adverb meaning the opposite of always.
- d. Change *chin* into a unit of measurement.
- e. Change *sure* into a word about a person who is on the computer.

**Dr. Virendra Swarup Education Centre (Sr. Wing) Shyam Nagar, Kanpur
Cl. 7 ENGLISH VOCABULARY SHEET (2024-25)**

1. Synonym Words - EDUCATION

culture	discipline	improvement	information	learning
literacy	scholarship	schooling	science	study
teaching	training	apprenticeship	breeding	catechism
civilization	coaching	cultivation	direction	drilling
edification	enlightenment	erudition	finish	guidance

2. Avoid using "VERY"

1. Very careful - Cautious
2. Very wet - soaked
3. Very weak - frail
4. Very short - brief
5. Very frightening - terrifying
6. Very dry - arid
7. Very annoying - infuriating
8. Very colorful - vibrant
9. Very beautiful - gorgeous
10. Very Creative - Innovative
11. Very boring - dull
12. Very fast - rapid
13. Very busy - swamped
14. Very bad - * awful
15. Very angry - furious
16. Very large - colossal
17. Very big - massive
18. Very worried - anxious
19. Very noisy - deafening
20. Very poor - destitute
21. Very high - lofty
22. Very shy - timid
23. Very Cheap - Stingy
24. Very risky - perilous

Dr.Virendra Swarup Education Centre (Sr. Wing), Shyam Nagar ,Kanpur
Sub- Computer
Class-7

Holiday Home Work

Convert the following:-

1. $(1101011)_2 = (?)_{10}$
2. $(1010100)_2 = (?)_{10}$
3. $(152)_8 = (?)_{10}$
4. $(126)_8 = (?)_{10}$
5. $(134)_{10} = (?)_2$
6. $(142)_{10} = (?)_2$
7. $(514)_{10} = (?)_{16}$
8. $(825)_{10} = (?)_{16}$

9. $(D25)_{16} = (?)_2$
10. $(E5A)_{16} = (?)_2$
11. $(11011010)_2 = (?)_{16}$
12. $(1011010101)_2 = (?)_{16}$
13. $(352)_8 = (?)_2$
14. $(928)_8 = (?)_2$
15. $(1101011)_2 = (?)_8$
16. $(1101011)_2 = (?)_8$