

Holiday Home Works – Class 8th

<u>Subject: English</u> Write any ONE of the following at the back of your English Grammar notebook in about 50 words. 1. Your school is organizing a Science Exhibition next month. As the Head of the Science Club, write a notice informing students about the event, including the date, time, venue, and participation details. 2. You have lost your school ID card in the library. Draft a notice to be displayed on the school's notice board requesting students to return it if found. Mention essential details like your name, class, and contact information. 3. Your school is conducting a Tree Plantation Drive to promote environmental awareness. Write a notice informing students about the initiative, encouraging them to participate, and mentioning the date, venue, and necessary preparations.	<u>Subject: Hindi</u> हिंदी ग्रीष्मावकाश गृह कार्य 2025-26 1. अपनी हिंदी लेखन पुस्तिका में निम्नलिखित शब्दों में अंतर स्पष्ट करें (क) तत्सम और तद्भव (ख) रूढ़ और यौगिक शब्द 2. डाक वितरण की शिकायत करते हुए अपने क्षेत्र के पोस्टमास्टर को शिकायत पत्र हिंदी पुस्तिका में लिखकर याद करें।
<u>SUBJECT: URDU</u> • نظم "عورتوں کا درجہ" کی روشنی میں عورتوں کے مرتبے پر 200 الفاظ پر مشتمل ایک مضمون لکھیے۔ • کسی ایسی دعوت کا حال دس جملوں میں بیان کیجیے جس میں آپ نے شرکت کی ہو۔ • *جو اسباق پڑھائے جا چکے ہیں ان کے الفاظ معنی اور سوال جواب یاد کیجیے۔	<u>Subject: Islamic Studies</u> Perform Salah and read Quran Kareem daily. Memorize the following Surah: 1. Surah al Feel 2. Surah al Quraysh 3. Surah al Maoon 4. Surah al Kafiroon 5. Surah al Nasr
<u>Subject- Science</u> Holiday Homework. (Consider as subject enrichment) Research and Projects: Investigate the Uses of Microorganisms. Research the different ways microorganisms are used in various industries, such as food production and medicine.	<u>SOCIAL SCIENCE</u> Written Work Choose any reformer from the lesson. Make a project on that reformer and her/ his reforms. Research the following points to make your project interesting. • Family background of the reformer (paste a photograph of the reformer) • Social evils that were prevalent during that time. • The reformer's contribution in eradicating those social evils.

Case Study 1 A farmer is planning to grow wheat in his field. He needs to decide which variety of wheat to plant and how to manage the crop. 1. What factors should the farmer consider when selecting a wheat variety? 2. How can the farmer optimize crop yields through proper management practices? 3. What are the benefits of crop rotation in maintaining soil fertility? Case Study 2 A city is planning to build a new power plant to meet its increasing energy demands. The city council is debating whether to use coal or natural gas as the primary fuel source. 1. What are the advantages and disadvantages of using coal as a fuel source? 2. How does natural gas compare to coal in terms of energy efficiency and environmental impact? 3. Suggest ways to minimize the environmental impact of the power plant. Observations and Recordings Observe and Record the Changes in Nature, Observe the changes in plants, animals, or weather patterns during the Holiday period and record your findings. Keep a Science Journal: Record any interesting scientific observations or discoveries made during the Holiday Submission Instructions: • Answer all questions in your fair notebook. • Ensure your handwriting is neat and readable. • Use diagrams wherever necessary and label them clearly. • Make sure to thoroughly learn both chapters that will come in Periodic Test 1st.	. Attitude of the British towards those social evils. NOTE: Write the project on comment sheets. Project Work Make a model on any one of the following topics. a) Wind Energy b) Biogas c) Solar Energy Learning Work Learn the PT 1 Syllabus.
<u>Subject: Computer</u> Topic: Create an Impressive PowerPoint Presentation <i>(Be as creative as you can!)</i> Objective:	<u>Subject: Mathematics</u> 1) The additive inverse of $\frac{-12}{-15}$ is a) 1 b) -1 c) $\frac{12}{15}$ d) $\frac{-12}{15}$ 2) The rational number whose additive inverse is the number itself, is a) 1 b) -1

Create a professional and impressive PowerPoint presentation on any topic of your choice.

Instructions:-

Choose any one topic you are interested in. Some examples are given below:

1. A famous personality (scientist, sports star, freedom fighter)
2. An interesting place (country, monument, or tourist attraction)
3. A social issue (clean environment, save water, etc.)
4. A science or technology concept.
5. Your favorite hobby or sport.

Create a PowerPoint presentation using Microsoft PowerPoint.

Your presentation should include:-

1. 6 to 10 slides maximum.
2. A Title Slide with the topic and your name.
3. Introduction slide explaining the topic
4. Main content slides (facts, images, and information)
5. A Conclusion or summary slide
6. A Thank You slide

Use the following tools/features:-

1. Design: Use themes and slide layouts to make your slides attractive
2. Text Formatting: Use headings, bullet points, and readable fonts
3. Images/Graphics: Insert pictures or shapes to support your topic

- c) 0

d) 10
- 3) The sum of $\frac{16}{9}, \frac{5}{12}$ and $\frac{-7}{18}$ is

a) $\frac{35}{36}$
b) $\frac{7}{60}$
c) $\frac{15}{28}$
d) None of these
- 4) What number should be added to $\frac{-6}{5}$ so as to get $\frac{2}{3}$?

a) $\frac{28}{15}$
b) $\frac{5}{28}$
c) $\frac{-28}{15}$
d) $\frac{-29}{15}$
- 5) What number should be added to $\frac{-3}{5}$ so as to get $\frac{4}{3}$?

a) $\frac{13}{15}$
b) $\frac{29}{15}$
c) $\frac{-29}{15}$
d) $\frac{3}{5}$
- 6) If $0.6x + 0.8 = 0.28x + 1.16$ then $x =$

a) $x = \frac{6}{7}$
b) $x = \frac{9}{8}$
c) $x = \frac{11}{2}$
d) $x = \frac{13}{5}$
- 7) If $\frac{\frac{2}{3}x+1}{x+\frac{1}{4}} = \frac{5}{3}$ then $x =$

a) $x = \frac{7}{12}$
b) $x = \frac{5}{13}$
c) $x = \frac{6}{13}$
d) $x = \frac{7}{14}$
- 8) If $\frac{2x+7}{5x+8} = \frac{2x+6}{5x+4}$ then $x =$

a) $x = -6\frac{2}{3}$
b) $x = -3\frac{1}{2}$
c) $x = -2\frac{1}{2}$
d) $x = -3\frac{6}{7}$
- 9) A number when added to its half gives 72, then the number is

a) 84
b) 48
c) 90
d) None
- 10) Divide 184 into two parts such that one third of one part may exceed one seventh of the other part by 8.

a) 46, 138
b) 32, 152
c) 64, 120
d) 72, 112
- 11) A number 351 is divided into two parts in the ratio 2 : 7 find the product of the number.

a) 20, 294
b) 21, 294
c) 25, 295
d) 31, 294

4. Animations and Transitions: Add simple effects to enhance the presentation (avoid overuse)

(Save your file as: Class8_PPT_YourName.pptx)

What You Will Learn:-

- 1. How to design and organize a presentation.
- 2. How to use PowerPoint tools effectively.
- 3. How to communicate ideas visually and professionally.

- 12) Twenty years ago, my age was 1/3 rd of what it is now, my present age is
a) 66 years b) 30 years
c) 33 years d) 36 years
- 13) $\frac{2^{rd}}{3}$ of a number when multiplied by $\frac{3^{rd}}{4}$ of the same number make 338. The number is
a) 18 b) 24
c) 36 d) 26
- 14) Length of a rectangle is 8 m less than twice its breadth. If the perimeter of the rectangle is 56 m. Find its length and breadth.
a) Length = 16m and breadth = 12m
b) Length = 13m and breadth = 15m
c) Length = 14m and breadth = 17m
d) Length = 18m and breadth = 21m
- 15) Sum of the digits of a two digit number is 12. The given number exceeds the number obtained by interchanging the digits by 36. The given number is
a) 81 b) 82
c) 83 d) 84
- 16) How many diagonals does regular hexagon have?
a) 2 b) 8
c) 9 d) None of these
- 17) A polygon having 10 sides is called
a) Octagon b) Decagon
c) Triangle d) None of these
- 18) The sum of all exterior angles of a triangle is
a) 360° b) 180°
c) 540° d) None of these
- 19) The supplement of an angle is one third of itself, then the larger angle is
(a)38° (b)52°
(c)50° (d)None of these
- 20) Two complementary angles are such that two times the measure of one is equal to three times the measure of the other. Then the measure of the larger angle is
(a)36° (b)45°
(c)40° (d)54°

section-B

21) The denominator of a rational number is 4 more than the numerator. If 2 is added to the numerator and 3 is added to denominator then the new number becomes 3/4. Find the original number

	22) What number should be added to -1 so as to get $\frac{7}{9}$? 23) The value of $\sqrt{214 + \sqrt{130 - \sqrt{88 - \sqrt{44 + \sqrt{25}}}}}$ 24) The multiplicative inverse of $\left(\frac{1}{3}\right)^{-2}$ 25) Find five Rational number between $\frac{1}{3}$ and $\frac{1}{2}$. 26) Find the value of $x + 2y - z$, where $x = -1, y = 2, z = 1$ 27) Solve : $0.6(x + 2) = 0.4(x - 2)$ 28) Find the value of “m” in equation $m - 3 = \frac{1}{4} - m$ 29) Arrange in ascending order $\frac{1}{3}, \frac{1}{4}, \frac{2}{5}, \frac{3}{2}$. 30) Solve: $\frac{x}{2} - \frac{x}{3} = \frac{1}{3}$
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