

SUGHAR SINGH ACADEMY (SWARN JAYANTI VIHAR) SUMMER VACATION HOLIDAY HOMEWORK (2024-25) CLASS-VII

English	English Language: 1. Practice all the exercises and rules discussed in the class of nouns, adjectives, articles, pronouns, and prepositions. 2. Write a letter to your sister who has shifted to Mumbai to take up a new job. Ask her about her job and how she finds life in Mumbai. 3. Write 20 idioms along with their meanings in your notebook and learn them. 4. Write a story to bring out the following moral. "Better late than never."\ Note: English Language homework should be done in Language notebook. English Literature: 1. Read chapters 3 and 5. Find all the answers of the chapters on the basis of your reading adeptness. 2. Write the character sketch of the narrator of the story 'The cards.'in literature notebook. 3. Read newspaper/ storybook daily and find at least 4 new words out of them and learn their meanings with the help of dictionary. 4. Read all the chapters taught in the class, learn all the question answers and practice book exercises.					
Maths	Do Worksheet					
Science	Prepare a file on the topic of BALANCED DIET & ITS NUTRIENTS. Draw the pictures of all nutrients on an A4 sized sheets separately along with its sources and uses.					
Hindi	1 .1से 100 तक गिनती हिंदी में लिखें। ' .2एकता का महत्व 'पर कहानी लेखन कीजिए। .3भारतीय महीनो के नाम हिंदी में लिखिए। .4अभ्यास पुस्तिका में कराया गया समस्त कार्यक्रम कंठस्थ कीजिए।					
Social Science	Project file Choose any three monument which was built during the medieval period. Now prepare a brief project in that monument. You can include the following points to make your project interesting. • When was it built? • Its geographical location • The material used to build it • The ruling dynasty that built it. • It's reference in the then contemporary literary sources • Any interesting anecdote related to that monument • Its present condition Its recent photograph					
Computer	Its recent photograph Project - Make a PowerPoint presentation on 'various types of malicious programs and their harmful effects'. Create a background with the help of Various formatting effects. Apply the animation effect and add appropriate images to your slides to give an attractive look to your presentation and send it to this email id - terrisiangroupnidhikhanna@gmail.com Learn all the work done of Ch-1 and Ch-2 from book and notebook.					

	1. पिता) पुलिंग (लता) स्त्रीलिंग (फल) नपुंसकलिंग (के शब्द रूप तथा नम् व गम् के शब्द रूप कंठस्थ करके लिखिए।
Sanskrit	2. 1से 100 तक गिनती कंठस्थ करके लिखिए।
	3. रंगों के नाम संस्कृत में लिखो।

Sughar Singh Academy (Swarn Jayanti Vihar)

Summer Holiday Homework Class 7 (Subject: Mathematics)

I) Choose the right answer from the four options:-

1	13-	(12_{-})	6+3	1=2
Ι.	13-	12-	0 ± 3) — :

1. 13-(12-0+3)

b. 3

c. 7/3.

d. none of these

2. 134/1000

a. 13.4

a. 11.

b. 0.134.

c. 1.34

d. 0.0134

3. 25:35::45:x, then the value of x is

a. 63

b. 72

c. 54

d. None of these.

4. With the angle given below, in which case the construction of triangle is possible?

a. 30°,60°,70°

b. 50°,70°,60°

c. 40°, 80°,65°

d. 72°,28°,90°

5. A dice is a example of

a. Cuboid

b. Cube

c. Cone

d. cylinder

6. A rectangle is symmetrical about

a. Each one of its side

b. each one of its diagonal

c. A line joining the mid-point of its opposite sides.

d. None of these

7. The diameter of a circle is 7 cm. Its circumference is

a. 44cm

b. 22cm

c. 56cm

d. None of these

8. The area of square lawn of side 15m is

a. 60m²

b. 225 m²

c. 45m²

d. 120m²

9. A cone has

a. 2 faces

b. 1 edge

c. 1 vertex

d. All of these

10. Each angle of an equilateral triangle measures

a. 30°

b. 60°

c. 80°

d. 45°

II) Solve the following:

- 1) Simplify $16+8\div4-2\times3$
- 2) Subtract 127.38 from 216.20
- 3) Divide ₹1575 between Kamal and Madhur in the ratio 7:2.
- 4) Write an example of cuboid and cylinder.
- 5) The sides of a triangle are in the ratio 2:3:4, If perimeter of triangle is 810cm. Find the length of sides.
- 6) Find the perimeter of a regular pentagon of side 8 cm.
- 7) Define the term:-
- a. Data
- b. Observations
- 8) Define the following with figure.
- a. Equilateral triangle
- b. Scalene triangle

- 9) Simplify: $5\frac{1}{7} \left\{3\frac{3}{10} \div \left(2\frac{4}{5} \frac{7}{10}\right)\right\}$
- 10) Simplify: 37.6 + 72.85 58.678 6.09
- 11) In a proportion the 1st, 2nd and 4th term are 51, 68 and 108 respectively. Find the 3rd term.
- 12) The measures of two angles of a triangle are 72 degree and 58 degree. find the measurement of the third angle.
- 13) Draw a circle with Centre C and radius 4.5cm. Mark point P, Q, R such that P lies in the interior of the circle, Q lies on the circle and R lies in the exterior of the circle.
- 14) Draw an angle of 60 degree using a pair of compasses, bisect it to make an angle of 30 degree.
- 15) A water tap fills water at the rate of 25 litre per minute to a water tank. Another water tap can fill water in the same tank at the rate of 15 litre per minute. If both the water taps are opened, then the water tank filled in 15 minutes. Find the volume of the water tank.
- 16) A submarine is at 350 m below the sea level. It ascends for 10 seconds and then stops. Its final position is at 100m below the sea level. Find the speed of the submarine.
- 17) A building of 50 floors. Every floor of the building is 5m in high. If its elevator moves 3 m per second, then how long will it take to move from second floor to 42 floor?
- 18) Rahul throws a ball in air. The ball goes up to the height of 21 m and settles at the bottom of a pond, 12 m deep. Find the total distance covered by the ball.
- 19) What will be the sign of the product, if 18 positive integers and 23 negative integers are multiplied together?