



SAGAR PUBLIC SCHOOL
SAKET NAGAR BHOPAL
HOLIDAY HOMEWORK FOR CLASS VI
SESSION 2018-19

SUB	Assignment (Common to all - in HW copy)	Roll No.	Creative Work
ENGLISH	Cut out any 5 letters to the editor from an English newspaper or magazine and paste them in a file. Identify the issue, cause, and solution of the letters and write them.	1-40	Read the novel of your choice, and answer the following questions in your own word. 1. Which character can you connect with the most in your book? Why? 2. Describe the setting. What is its significance to the story? How would the story be different in a different time or place? 3. what are the major obstacles that your protagonist faces? 4. find a quote that stand s out to you and explain why you chose it. 5. choose a character from this novel. What do you like the most or the least about them? Why? 6. Create a diary entry in the voice of a character. Be sure to use two quotes from the text within your entry.
			HINDI
11-20 3D CHART	"पर्यावरण " से संबंधित कविता लिखकर 3डी चार्ट बनाइए।		
21-30 PROJECT	किन्हीं चार कवियों या लेखकों के जीवन परिचय का वर्णन सचित्र करते हुए एक फाइल तैयार कीजिए।		
31-40 PPT	बाल राम कथा के प्रत्येक अध्याय को दर्शाते हुए पी पी टी तैयार कीजिए।		

MATHS	55 Questions given in the attachment.	1-10 3D CHART	Properties of Whole Numbers
		11-20 MODEL	Based on Decimals and operations on Decimals
		21-30 MODEL	A model based on an Application of Geometry
		31-40 CHART	A 3D Chart based on any topic of Mensuration
COMPUTER	Create a PowerPoint presentation on the given topics.	1-10	Internet Security
		11-20	Operating System
		21-30	Virus
		31-40	Computer Network

SCIENCE	<p>1. Gadgets make our life easy .Do you agree with the statement? Conclude both positive and negative ideas according to your own views.</p> <p>2. What is obesity? Suggest a recipe or a snack that you would give to an overweight person who is watching the calorie intake.</p> <p>3. Find the distance between the following cities in kilometers.</p> <p># Delhi-Bangalore # Chennai-Hyderabad # Kolkata-Mumbai # Mumbai-Pune # Jaipur-Agra # Srinagar-Kanyakumari</p> <p>In each case, find the time taken to cover the distance by air and by train. Which two cities are the farthest and closest to each other?</p>	1-10 PROJECT	Read the biography of Stephen Hawking’s who has contributed to the world of cosmology. Write his contribution in the context of black holes
		11-20 3D CHART	<p>Consider the following food chain: Sun –Grass – Grasshopper –Frog –Snake –Owl. Suppose all the frogs in the above food chain die, what will happen to the other plants or animals in the food chain?</p> <p>Also make a 3D CHART to show any other food chain in the terrestrial habitat.</p>
		21-30 PPT	Make a presentation on deficiency diseases, including pictures from newspaper, magazines or the internet.
		31-40 MODEL	Prepare a model of reticulate and parallel venation of leaves using clay/Plaster of Paris(POP).

SANSKR IT	अकारान्त (राम), आकारान्त (लता), नपुंसकलिंग (फल)	1-10 (थ्रीडी चार्ट)	दस पशुओं के सचित्र नाम लिखकर वर्णविच्छेद कीजिए।
		11-20 (मॉडल)	दस फलों एवं सब्जियों के सचित्र नाम लिखकर वर्णविच्छेद कीजिए।
		21-30 (पत्रिका)	15-15 पुल्लिंग, स्त्रीलिंग एवं नपुंसकलिंग शब्दों के सचित्र नाम लिखकर वर्णविच्छेद कीजिए।
		31-40 (फाइल)	दस आकारान्त स्त्रीलिंग शब्दों के सचित्र नाम लिखकर वर्णविच्छेद कीजिए।
S.ST	AS GIVEN IN THE SEPARATE ATTACHMENT		

- Note :
1. Summer vacations from 01-05-2018 to 16-06-2018
 2. School will reopen on 18-06-2018, Monday.
 3. Timings from 18-06-2018 will be 7:15 am to 2:00 pm
 4. Assignments to be submitted from June 18 to 20, 2018
- It is a compulsory working day.

PRINCIPAL

ENVIRONMENTAL CONCERN:

**USE OF THERMOCOL IS HARMFUL TO
ENVIRONMENT,
LET'S AVOID.**



SAGAR PUBLIC SCHOOL, BHOPAL
HOLIDAY HOMEWORK CLASS VI
MATHS SESSION- 2018-19

Mental Maths

AREA AND PERIMETER

1. The perimeter of a rectangle is 230 cm. If the length of the rectangle is 70 cm, find its breadth and area.
2. The area of a rectangle is 96 cm². If the breadth of the rectangle is 8 cm, find its length and perimeter.
3. How many tiles whose length and breadth are 13 cm and 7 cm respectively are needed to cover a rectangular region whose length and breadth are 520 cm and 140 cm?
4. The length of a rectangular wooden board is thrice its width. If the width of the board is 20cm, find the cost of framing it at the rate of ₹ 5 for 20 cm.
5. Find the area and perimeter of the following rectangles whose dimensions are:
 - (a) length = 17 m breadth = 13 m
 - (b) length = 6.9 cm breadth = 5.1 cm
 - (c) length = 5 m breadth = 32 dm
6. The perimeter of a rectangle is 230 cm. If the length of the rectangle is 70 cm, find its breadth and area.
7. How many tiles whose length and breadth are 13 cm and 7 cm respectively needed to cover a rectangular region whose length and breadth are 520 cm and 140 cm?
8. Find the cost of tiling a rectangular plot of land 300 m long and 150 m wide at the rate of \$6 per hundred square m.
9. The side of a square is 5 cm. If its side is doubled, how many times is the area of the new square bigger than the area of the old square?

HCF/LCM

10. Find highest common factor of the following by PRIME FACTORIZATION METHOD

i. 48, 56, 72 ii. 198, 360 iii. 84, 144 iv. 120, 168 v. 102, 68, 136

11. Find lowest/least common multiple of the following numbers:

i. 16, 24, 40 ii. 40, 56, 60 iii. 20, 130 iv. 72, 96, 120 v. 120, 150, 135

12. Find the number which divides 167 and 95 leaving 5 as remainder.

13. Find the least length of a rope which can be cut into whole number of pieces of lengths 45 cm, 75 cm and 81 cm.

WHOLE NUMBERS

14. How many whole numbers are there between 52 and 73

15. Find the product using Distributive property

(a) 838×103

(b) $2343 \times 19 - 2343 \times 9$

16. Find the product by suitable rearrangement:

(a) $8 \times 391 \times 125$

(b) $2 \times 1234 \times 50$

(c) $87 + 64 + 36$

(d) $713 + 87 + 200$

17. Shelly got 49 marks in Math, 39 marks in English, and 51 in Science. John got 62 marks in Math, 32 in English and 54 in Science. What are their total marks? (SOLVE BY USING PROPERTY)

VOLUME

18. Find the volume of a cube of side 17 mm.

19. Find the volume of a cuboid of dimensions $12 \text{ m} \times 14 \text{ m} \times 3.5 \text{ m}$.

20. A cubical of wood was cut into 8 equal cubes of sides 4 cm. What is the volume of the block of wood?

21. A cuboid is 9 cm long, 5 cm broad and 4 cm high and a cube has an edge of 5 cm. Which one has greater volume?

22. A brick measures 15 cm in length, 8 cm in breadth and 5 cm in height. How many bricks will be used to make a wall of length 15 m, breadth 10 m and height 8 metres?

SPEED/DISTANCE/TIME

23. Find speed when, distance is 142 km and time is 2 hours.
24. Find out the distance covered when, speed is 960 km/hour and time is 1 hour 50 minutes.
25. Determine the time taken when, distance is 360 km and speed is 80 km/hr.
26. If distance travelled by a train is 492 km in 4 hours, what is its speed?
27. A cyclist covers 950 m in 5 minutes. Find out the distance travelled in 30 minutes.

ANGLES

28. classify the following angles as acute, obtuse, right, straight, reflex complete and zero and draw any 5 out of them.

$40^\circ, 90^\circ, 259^\circ, 196^\circ, 130^\circ, 92^\circ, 150^\circ, 180^\circ, 360^\circ, 86^\circ, 12^\circ$.

PROFIT/LOSS AND UNITARY METHOD

29. Tushar sold an inverter for ₹15550 and makes a profit of ₹1250. Find the C.P of an inverter.
30. A fruit vendor bought 600 apples for ₹4800. He spent ₹400 on transportation. How much should he sell each to get a profit of ₹1000?
31. Tim bought a box of chocolates for ₹650 and sold it to Tom at a profit of ₹75. Find the selling price.
32. David bought 2 dozen eggs for \$ 56. Since 6 of them broke, he incurred a loss of \$ 20 on selling them. What was the selling price of one egg?
33. Mother baked 14 cookies. She shared them equally among her 5 children. How many cookies did each child?
34. Peter was very thirsty and drank 2 glasses of water. There was liter of water in the 1st glass and liter In the 2nd glass. How much water did Peter drink altogether?
35. John bought 75kg of chocolate. He packed the chocolate equally in 7 bags. How much chocolate did he pack in each bag?

DECIMALS

36. Solve the following

a. $12.5 + 13.3$ b. $125.5 + 45.32$ c. $100.5 - 12.12$

37. Order from greatest to least numbers 9.29 , 9.39 , 9.28, 9.91

38. Smith spent ₹ 315.25 for a meal and ₹ 61.75 for a drink. How much did he spend in all?

39. Lucky cut 12.65 cm from a stick that was 15.5 cm long. How long is the stick now?

40. Write the following as Decimals:-

i. Two tenths

ii. Thirty-three hundredths

iii. Five thirty seven thousandths

iv. Four decimal three two one

v. Seventeen point zero zero three

41. Write the Decimal number for:

(a) $400 + 60 + 2 + 9/10 + 5/100 =$

(b) $20 + 4 + 3/100 + 5/1000 =$

(c) $700 + 2 + 6/100 =$

(d) $9 + 4/1000 =$

(e) $10 + 8 + 2/10 =$

41. Arrange in descending order:

a. 0.132, 0.312, 0.213, 0.321

b. 5.291, 5.192, 5.912, 5.129

c. 4.223, 4.322, 4.232, 4.222

43. The weight of a baby elephant was 218.99 kg. After two years, his weight increased by 109.85 kg. Find the weight of elephant after two years.

44. Kathi had a rope of 63.45 m. She cuts the rope into two pieces. If the length of one piece was 23.59 m, what was the length of the other piece?

45. The weight of 1 bag of sugar is 12.5 kg. What is the weight of 15 such bags?

FRACTIONS

46. Find the following

a) $1/9 + 2/9$

b) $21/22 - 10/22$

c) $1/36 + 17/36$

d) $18/77 - 11/77$

e) $1 - 2/3$

f) $1 - 1/3$

h) $2/3 + 1/3$

47. Reduce the fraction to simplest form

a) $20/25$

b) $11/121$

c) $48/72$

d) $125/625$

e) $32/256$

f) $63/84$

g) $19/38$

48. Sonu ate $1/3$ part of an apple and the remaining apple was eaten by her brother Monu. How much part of the apple did Monu eat? Who had the larger share and by how much?

49. Kirti finished coloring a picture in $7/12$ hour. Smriti finished coloring the same picture in $3/4$ hour. Who worked longer? By what fraction was it longer?

MISCELLANEOUS

50. Draw 2 different nets of a cuboid?

51. How many nets are there for a cube? Draw all possible nets .

52. A person moves north, then turns to his right and then again right and then finally goes left.

In which direction is he moving now?

53. Write following numbers as Roman numerals:

i. 85

ii. 343

54. Convert the given scale:

If 6 cm = 18 km then 8 cm = _____

If 1 cm = 16 km then 8 cm = _____

55. Find the area of a square whose side is 3.60 m.

ROLL NO.	TOPIC
1-6	<p><u>HISTORY</u>- Make a file of habitation sites, occupation and living style of early men.</p> <p><u>GEOGRAPHY</u>- Make a PPT on Solar system along with asteroid belt.</p> <p><u>CIVICS</u>- – Imagine a nation without government and mention the difficulties which the citizens will face.</p>
7-12	<p><u>HISTORY</u>- Make a file on archaeological and literary sources found at different sites in India ,along with their pictures.</p> <p><u>GEOGRAPHY</u>- Refer www.kidsastronomy.com and www.astronomynow.com and search the following terms and make a PPT on this</p> <p>1. Chandrashekhar limit 2.Hertzsprung-Russell diagram 3.Sub giant 4.Red giant 5. Black hole</p> <p><u>CIVICS</u>- Prepare a flowchart on difference rural and urban livelihood.</p>
13-18	<p><u>HISTORY</u>- Harappan town planning was an organized one . Explain this statement with the help of examples and pictures.</p> <p><u>GEOGRAPHY</u>- Make a PPT on agents of erosion</p> <p><u>CIVICS</u>- Prepare a flowchart of Municipal Corporation and differentiate between the working style of Nagar Nigam and Municipal Corporation.</p>
19-24	<p><u>HISTORY</u>- Make a file mentioning short description of four Vedas.</p> <p><u>GEOGRAPHY</u>- Make a PPT on different physical features of India</p> <p><u>CIVICS</u>- Prepare a flowchart differentiating between rural and urban settlements.</p>
25-30	<p><u>HISTORY</u>- In a story form write about Ashoka’s rule , Kalinga war and his preaching’s, with the help of pictures.</p> <p><u>GEOGRAPHY</u>- Make a PPT on vegetation and wildlife of India</p> <p><u>CIVICS</u>- Prepare a flowchart of diversity in religion, language , custom and physical features.</p>
31-36	<p><u>HISTORY</u>- India is a land that attracts trades and pilgrims from West. Elaborate this statement with facts and with support of Travelogues.</p> <p><u>GEOGRAPHY</u>- Make a PPT on major landforms and their importance</p> <p><u>CIVICS</u>- Prepare a flowchart of Panchayati Raj and different levels of rural administration.</p>
37-40	<p><u>HISTORY</u>- Make a file on archaeological and literary sources found at different sites in India ,along with their pictures.</p> <p><u>GEOGRAPHY</u>- Refer www.kidsastronomy.com and www.astronomynow.com and search the following terms and make a PPT on this</p> <p>1. Chandrashekhar limit 2.Hertzsprung-Russell diagram 3.Sub giant 4.Red giant 5. Black hole</p> <p><u>CIVICS</u>- Imagine a nation without government and mention the difficulties which the citizens will face.</p>

