THE ASIAN SCHOOL, DEHRADUN

HOLIDAY HOMEWORK OF SUMMER VACATION 2018 FOR CLASS VII

English: 1) Read the chapter-The Desert (An Alien Hand) **2)** Collect information about the lifestyle of people in desert areas, their food, work and social custom etc. Make your work attractive by drawing or pasting colourful pictures.
PS: Holiday Homework to be done in English H.W. Notebook.

Hindi: व्याकरण: **1)** पत्र लेखन – अपने क्षेत्र में बढ़ती हुई चोरियों एवं अपराध के विषय में सूचित करते हुए थानाध्यक्ष को पत्र। **2)** अपनी सहेली को अपनी बड़ी बहन के विवाह में निमंत्रित करने हेतु पत्र लिखें।
निबंध: **1)** मोबाइल के लाभ एवं हानियाँ **2)** विद्यार्थी और अनुशासन।

हिन्दी साहित्य: पाठ 'मिठाईवाला' को ध्यानपूर्वक पढ़कर उसमें से 15 मुख्य बिन्दुओं पर प्रकाश डालिये।

Sanskrit: संस्कृत: शब्द रुप – 'एषा' स्त्रीलिंग में लिखिए। धातु रुप – 'दृश' सभी लकार में लिखिए।

Science: 1) Prepare a write up on 'Human Digestive System' alongwith a labeled diagram .
PS: Science holiday homework to be done in Science Activity file only.

History: Write the names of any 10 monuments of our country during the Medieval Period. Collect information about their constructions : **a)** The material used **b)** The type of rocks. Stick picture to make your project more attractive.
PS: Holiday Homework to be done in History homework note book only.

Geography: a)Draw the diagram of Interior of the Earth. Write information about CRUST MANTLE and CORE. b) Draw diagram of a Volcano, label all its parts and write about them. Write about the types of Volcanoes with two examples of each.
PS: Note all the holiday homework to be done in Geography Homework Note Book only.

G.K.: On a chart paper write the following details on India according to the format given below:

S.no.	Name of State	Capital of State	Chief Minister	Governor	Area	Population	2 Famous Monuments	2 Famous Personalities	Folk Dance	High Court location	National Park	Rivers
1												

Computer Science: Q1. What do you mean by Operating System? Briefly explain MS DOS. Q2. What are the different types of number system that a computer deals with? Explain each with example.
Activity: Make a list of operating system (Atleast Five) with description.

Punjabi: a. Write in 100 words about a picnic organized by you for your family and friends. **b.** Write an essay on your school (200 words). **c.** Write a letter to the Police officer of your locality about the use of loud speakers by your neighbours.

SUPW: Buy following items and make any one craft:

1. Wool Painting : Things required : a. Thin plyboard size 10"/14" (inch). b. Black fabric paint. c. Multicoloured wool d. Fabric Glue.
   Using above items make a sunflower or a tree as taught in the class
2. Table cloth with patch work: a. ½ mt casement cloth any light colour. b. 25 cm each velvet cloth, Red and green colour. c. Thread and needle.
   Cut flower (01) and leaves (02) from velvet cloth and stitch with running stitch as taught in the class.

MATHEMATICS

HOLIDAY HOMEWORK , MAY 2018

CLASS : VII

Make a separate register for holiday homework. Cover it and label with Name, Class & Section.

I . Activity

1. Construct following agnles using compass and ruler:
   a) 60^0 b) 30^0 c) 45^0 d) 90^0 e) 75^0 f) 105^0 g) 12^0 h) 135^0 i) 22.5^0 j) 15^0

II. Practice Work

1. Solve the following equations.
   (a) $4l = 44$ (b) $\frac{m}{4} = 16$
2. Solve the equation $4(4P + 6) = 16$.
3. Solve the equation $5(2m - 6) = 12$.
4. Solve the equation $2y + \frac{7}{2} = \frac{35}{2}$.
5. Solve the equation $\frac{P}{2} + 6 = 12$.
6. Solve the equation $3(2x + 1) = 6$
7. Solve the equation $-2(3x + 3) = 8$
8. Solve the equation $4(x + 4) = 2(x + 2)$
9. Construct two equations starting with $x = 3$.
10. Find the value of x, if $2(x + 9) = x + 2$.
11. Find the value of n, if $\frac{2}{n} = \frac{12}{9}$
12. If $2(k + 14) = 28$, then find the value of $9k - 6k$
13. The sum of two consecutive multiples of 3 is 69. Then, find the consecutive multiples.
14. Solve the equation $34 - 6(x - 5) = 0$.
15. Solve the equation $3(x + 3) - 2(x - 1) = 5(x - 5)$
16. Check whether the values given in the brackets is a solution to the given equations.
    (a) $7n + 6 = 20, (n = 2)$ (b) $6n - 5n = 3, (n = 3)$
17. Solve the following equations by trial and error method.
    (a) $6m + 2 = 14$ (b) $7P + 6 = 27$
18. Write equations for the following statements .
    (a) The sum of numbers x and 5 is 9.
    (b) 2 subtracted from y is 6.
    (c) Ten times a is 90.
    (d) Three-fourth of m is 14.
19. Write the following equations in statement form.
    (a) $P + 6 = 15$ (b) $\frac{P}{6} = 3$ (c) $\frac{n}{4} + 2 = 10$
20. Solve the following equations.
    (a) $20m = 100$ (b) $5p + 10 = 100$
    (c) $\frac{n}{4} = 4$ (d) $\frac{-2p}{3} = 5$
21. In a class test containing 15 questions. 4 marks are given for every correct answer and (–2) marks are given for every incorrect answer.
    (i) Akansha attempts all questions but only 9 of her answers are correct. What is her total score?
    (ii) One of her friends gets only 5 answers correct. What will be her score?
22. Taking today as zero on the number line, if the day before yesterday is 17 January, what is the date 3 days after tomorrow?
23. If Δ is an operation such that for integers a and b, we have
    $a \Delta b = a \times b - 2(a + b) + b(b - a) \times b \times b$
    Then, find (i) $4 \Delta (-3)$ (ii) $(-7) \Delta (-1)$
    Also, show that $4 \Delta (-3) \neq (-3) \Delta 4$ and
    $(-7) \Delta (-1) \neq (-1) \Delta (-7)$
24. If * is an operation such that for integers a and b, we have $a * b = a \times b + (a \times a + b \times b)$.
    then find (i) $(-3) * (-5)$ (ii) $(-6) * 2$
25. A shopkeeper gains ₹ 1 on each pen and loses 40 paise on each pencil. He sells 45 pens and some pencils losing ₹ 5 in all. How many pencils does he sell?

26. Find the value of

(i) $(25)\times 4+(-25)\times(-6)$

(ii) $(-40)\times[(136)+(-36)]$

(iii) $(-152)\times 97+(152)\times(-3)$

27. Find the value of

(i) $26+\{(-13)+(1)\}$

(ii) $\{(-20)+5\}+\{(-5)+(2)\}$

(iii) $(46\times 5\times 0)+4$

28. Verify that $a+(b+c)\neq(a+b)+(a+c)$ for $a=12$, $b=-4$ and $c=2.2$.

29. If the product of two integers is –512 and one of them is –8, then what is the other integer?

30. Find the value of $532.46\times 24.62\times 4$.

31. Calculate the value of $54962.42\div 1000\div 10$.

32. Suppose we represent the distance above the ground by a positive integer and that below the ground by a negative integer, then answer the following :

(i) An elevator descends into a mine shaft at the rate of 5 m/min. What will be its position after one hour?

(ii) If it begins to descend from 15 m above the ground, what will be its position after 45 min?

33. Find the simplified value of $\left[16\frac{1}{4}\times 4\frac{1}{2}\right]+\left[2\frac{1}{2}\times 32\frac{1}{4}\right]$

34. Calculate the value of $\left[3\frac{6}{9}\times 4\frac{1}{5}\right]\div\left[4\frac{1}{45}\right]$

35. Evaluate the value of $\left[144\times\frac{1}{2}\times\frac{1}{6}\right]\div\frac{1}{2}$

---

36. When 0.02964 is divided by 0.004, what will be the quotient?

37. Sunita and Rehana want to make dresses for their dolls. Sunita has $\frac{3}{4}$ m of cloth and she gave $\frac{1}{3}$ of it to Rehana. How much did Rehana have?

38. A flower garden is 22.50 m long. Sheela wants to make a border along one side using bricks that are 0.25 m long. How many bricks will be needed?

39 Anuradha can do a piece of work in 6 h. What part of the work can she do in 1 hour, in 5 h, in 6 h?

40. Cost of a burger is ₹ $20\frac{3}{4}$ and of macpuff is ₹ $15\frac{1}{2}$. Find the cost of 4 burgers and 14 macpuffs.

41. Leonard spent $\frac{1}{8}$ of his allowance on food, $\frac{1}{4}$ on clothes and $\frac{3}{5}$ on the remainder. If he had \$ 80 left. Find Leonard's allowance.

42. Gregory spent $\frac{1}{5}$ of his allowance and vincent spent $\frac{1}{3}$ of his allowance, each of them had \$160 left. How much is each boy's allowance?

43. Ramu finishes $\frac{1}{3}$ part of a work in 1 hour. How much part of the work will be finished in $2\frac{1}{5}$ hours?

44. A pile of exercise books is $1\frac{4}{5}$ m high. If each exercise books is $\frac{1}{10}$ m thick. How many exercise books are there in the pile?

III. Learn:

1. Tables 2 to 20
2. Squares 1 to 20

Principal

Middle School Coordinator