School No. 41363 CBSE Affiliation No. 531390

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Holiday Homework
Summer Vacations
Class - 7th A

Subject: English

1. Do Holiday Package (Excluding Worksheet 8,16)
2. Work Sheet 1 to 5 (Unseen Passage)
3. Work Sheet 23, 24 (Notice)
4. Work Sheet 28, 29 (Factual Description)
5. Work Sheet 35, 36 (Letter)
6. Work Sheet 45, 46 (Story)

Subject: Hindi

1- अनुभव लेखन

विषय –"एक दिन बिना मोबाइल के"

* एक दिन अपने जानबूझकर मोबाइल नहीं चलाया, उस दिन आपने क्या किया?

*आपने क्या अनुभव किया?

*क्या आप खुश थे या कुछ मिस किया?

2- संवाद लेखन

विषय-" बच्चा और पेड़ के बीच संवाद"

*पेड़ बच्चों से क्या कहेगा?

*बच्चा पेड़ को क्या उत्तर देगा ?

3- कहानी लेखन

विषय-"कोई भी चित्र देखकर कहानी लिखिए"

* कहानी में आरंभ समस्या और समाधान अवश्य हो।

4- काव्य रचना+ कला

विषय-"प्रकृति मुस्कुराई"

*प्रकृति को मानवीय रूप देते हुए पंक्तियों की कविता लिखें ।

*साथ में एक सुंदर चित्र बनाएं तथा रंग भरे ।

5-शब्द निर्माण

*सभी मात्राओं को लिखकर उन सभी पर पांच-पांच शब्द बनाएं ।

*सारा कार्य स्क्रैपबुक में करें।

Subject: Science

Instructions:

- All work to be done neatly in your Science holiday homework notebook.
- Use diagrams, colors, and headings wherever possible.
- Revise both chapters from the book before starting the tasks.
- Submission Date: First day after summer vacation.

1. Read and Frame Your Own Questions (written work)

- Read both chapters thoroughly.
- Make 20 questions from Chapter 1 – Nutrition in Plants.
- Make 20 questions from Chapter 2 – Nutrition in Human Beings.
- Include different types: Fill in the blanks, True/False, Match the following, Short answer, and MCQs.
- Write the questions and your own answers neatly in your science holiday work notebook.

2. Diagram Practice (activity work)

Draw and label the following diagrams in your notebook:

- Structure of a leaf (showing stomata)
- Human digestive system

  Use sharp pencils and label clearly. You may use light colors to enhance clarity.

3. Revision (learning work)

Learn again Chapter 1 and 2 (complete)

4. Read chapter 3

Note: All work must be done in your Science notebook with proper headings. Use neat handwriting and good presentation.

Subject: Computer

1. Writing Section

CH-1 write the. E.: and F part in Notebook CH-2 Write the E and: F. Part in note Book.

2. Learning Section

CH.-3 Learn A, B.C and D part from book CH-2. Learn A, B, C and D part from book

3. Reading Section

CH.-13. Read complete chapter.

Subject: Social science

Instructions:

Focus on creativity, real-life connection, and presentation. Submit in a folder or notebook . Prepare in attractive way. Activity:

1. Draw a political map of India showing:

i) Tropic of Cancer

ii) Standard Meridian

iii) 5 neighbouring countries
iv) State & Capital and Union territory with capital

2. Make a comparison table:- Ancient and Modern irrigation instrument.
3. Creative project:- Poster Making :-
* Design a colorful poster on the topic:
"Save Environment, Save Life"
Use slogans, drawings, and colors to make it attractive.
4. **Written work:- Assignment Section A:- Very Short question:**
(Answer in 1 sentence)
1. What is Biosphere?
2. Why is the environment important?
3. What new crops were introduced to the subcontinent?
4.What were Archives and why were they important?
5. What does "equality" mean in a democracy?

Section B: - Short question: (Answer in 30-40 words)
1. What are some of the constitutional provisions for equality?
2.What are some examples of discrimination?
3.What was the concept of " Foreigner" in the past?
4.What is the difference between a Natural and Human made ecosystem?
5.Describe Lithosphere, Hydrosphere and Atmosphere with example.
6.Why do the animals and vegetation vary from place to place?
7.What is the difference between the two maps of India made in 1154 and 1720 ?

Subject: Sanskrit

1.प्रार्थना (4) लिखो व याद करो

2.पाठ -1,2,3 के शब्दार्थ लिखो।

3.पठ् , गम् धातु पूरी लिखो में याद करो।

4.असमाद, युष्मद शब्द रूप लिखो व याद करो।

5.विलोम शब्द (30) (A4 size sheet) पर लिखो व याद करो।

6.हर रोज कोई पांच कठिन शब्द लिखो व उनका उच्चारण सीखो।

कोई एक चित्र बनाइए - (जैसे – विद्यालय, बगीचा, या मेरा परिचय अपने परिवार के साथ ।

वाक्य लिखिए

चित्र: [चित्र के लिए स्थान छोड़ो।

वाक्य लिखिए:

1. _____
2. _____
3. _____
4. _____
5. _____

Subject: Mathematics

Written --- do given worksheet.

Learning --- Table 2 to 30

Square table 2 to 25

Activity

1 Visit a shop and note the cost of any 5 items of your choice. Use the cost of @1 item to find the cost of given number of each items .Complete the given table.

Item	Cost of 1	Cost of dozen	Cost of score	Cost of gross

2 Select a city Hisar and collect data of its maximum and minimum temperature over a week (10 June to 16 June). Find out the rise and fall in temperature .Express this data in the form of a table on scrap book page.

CLASS :VII

SUBJECT: MATHEMATICS

CH. 1 : INTEGERS

I FILL IN THE BLANKS

1. _____ is the additive identity and _____ is the multiplicative identity of integers.

2. (-1) x even number of times = _____

3. (-1) x odd number of times = _____

4. 38 ÷ 0 = _____

5. 0 ÷ 11 = _____

6. 13 ÷ 1 + _____

7. 55 + _____ = 0

8. (-31) + _____ = 0

9. (-55) + _____ = -89

10. (-33) + _____ = 79

11. 1000 + _____ = - 1000

12. [(-7) + 9] + (_____) = 9 + [-7 + 4]

13. (-6) + 2 = 2 (_____)

14. 251 ÷ _____ = 1

15. (-70) ÷ _____ = 5

16. _____ ÷ 993 = 0

17. _____ ÷ 2395 = 1

18. (-3589) ÷ _____ = -1

19. 22 ÷ _____ = -11

20. (-1) x (-1) x (-1) x (-1) x (-1) = _____

II ANSWER THE FOLLOWING :

1. A man travelled 30 km east of a place A and reached B. From B he travelled 60 km west of B and reached C. Find the distance of C from A.

2. A man has Rs. 20,000 in his account in a bank. He withdraws Rs. 3000 per month for the first two months and deposits double of this amount on third month. What will be the balance in his account after 3 months?

3. Verify a – (-b) = a + b for the following values of a and b.

   i) a = -17 b = +15 ii) a = 50 b = 21

4. Use >, < OR = symbols in the blank space in each of the following

   a. (-3) - (-5) ☐ (-4) + (-9)

   b. 71 -2 - 31 ☐ 71 - 2 +31

   c. 39 + (-35) – (58) ☐ 37 + (-11) - (+26)

   d. 23 + (-8) - 7 ☐ 9 - 13 + 12

5. The temperature at a place rises from – 20^0c to 20^0c. What is the rise in temperature ?

6. A place P is 82 m above the Sea level and another place is 13 m below the Sea level. What is the distance between the two places?

7. Write down a pair of integers whose

i) sum is - 6 ii) difference -8

iii) difference 3 iv) sum 0

8. Write a negative integer and a positive integer whose

a) sum -9 b) difference -4 c) sum 0

9. Find the value of each of the following products

i) (-3) x 15 ii) 4 x (-13) iii) (-23) x (-31)

iv) (-3) x (-2) x 7 v) 2 x (-3) x (-1) x (-5)

vi) (-259) x (-51) x 0 vii) (-8) x 2 x (-3) x 5 x (-1)

viii) (-2) x (-4) x 0 x (-6) x (-8) ix) (-5) x (-3) x (-4) x (-6) x (-7)

10. Verify the following

i) (-25) x [(-7) + (-15)] = [(-25) x (-7)] + [(-25) x (-15)]

ii) (-7) x [(-8) + 9] = [-7 x (-8)] + [(-7) x 9]

11. What will be the sign of the product a x b if

i) a is the product of 5 positive integers and b is the product of 9 negative integers.

ii) a is the product of 6 positive integers and b is the product of 8 negative integers.

iii) a is positive and be is the product of 50 negative integers.

12. Find the value of a if product of a with -1 is

i) 200 ii) 0 iii) -300

13. Find the product using suitable proportion :-

a. 8759 x 2391 - 2391 x 7759

b. (-9785) x 937 + (-215) x 937

c. 35 x (-25) x (-4) x 10

14. Find the value of each of the following

i) 39 ÷ (-13) ii) (-729) ÷ 9 iii) (-144) ÷ (-12)

iv) (-20000) ÷ (-200) v) 20513 ÷ (-1)

v) (-49) ÷ [(-48) + (-1) vii) [84 ÷ (-12)] ÷ 7

viii) [(-10) + 5] ÷ [20 + (-15)]

15. In a test (+5) marks are given for every correct answer and (-2) marks are given for every incorrect answer

i) Rohan answered all questions and scored 24 marks though he got 8 correct answers.

ii) Smitha answered all questions and scored (-15) marks though he got 3 correct answers. How many incorrect answer had they attempted?

16. In a class test containing 15 questions 4 marks are given for every correct answer and (-1) marks are given for every incorrect answer.

i) Gokul attempts all questions but only 6 of his answers are correct. What is his total score?

ii) Neena gets 12 of her answers correct. What will be her score?

Q1)If a mixed fraction is converted into fraction, then its reciprocal is:

a) proper b) improper c) equal to itself d) none of these.

Q2) Reciprocal of $1\frac{3}{4}$ is : a) $1\frac{4}{3}$ b) $4\frac{1}{3}$ c) $3\frac{1}{4}$ d)none of these.

Q3) $\frac{20}{3}$ litres milk is being distributed among 10 persons. How much milk would one person get?

a) $\frac{2}{3}$ litre b) $\frac{1}{3}$ litre c) $\frac{4}{3}$ litre d) $\frac{2}{3}$ ml.

Q4) 474 surgeons were invited for a conference and $\frac{5}{6}$ of those invited actually participated in it. The number of participants was:

a) 359 b) 395 c) 474 d) 568

Q5)The number of months in $\frac{3}{5}$th of a century is:

a) 60 b) 600 c) 720 d)none of these

Q6) Arrange in ascending order: $\frac{3}{4}, \frac{2}{3}, \frac{1}{2}, \frac{5}{6}, \frac{7}{8}$

Q7) Simplify: (a) $\frac{1}{12} + \frac{5}{12} + \frac{7}{12}$ (b) $1\frac{1}{2} + 2\frac{1}{3} + \frac{6}{15}$ (c) $2\frac{1}{3} + 3\frac{1}{2} - 1\frac{1}{4}$

(d) $\frac{5}{7} - \frac{8}{35}$ e) $2\frac{1}{3} + 3\frac{1}{2} - 1\frac{1}{4}$ (f) $2\frac{1}{2} \times 3\frac{1}{4}$

(g) $10 \times 4\frac{1}{4}$ (h) $\frac{5}{9} \times \frac{5}{8}$ (i) $\frac{1}{8}$ of Rs. 756

(j) $\frac{3}{5}$ of $62\frac{1}{2}$m (k) $\frac{5}{8} \div \frac{2}{3}$ (l) $\frac{11}{13} \div 22$ (m) $6\frac{1}{4} \div 2\frac{1}{4}$

(n) $100 \div \frac{10}{7}$

Q8) Sunita bought a 10Kg. box of grapes from the market. She gave $3\frac{1}{2}$ Kg. of the grapes to her friend Punita and $2\frac{1}{4}$Kg. to Anita. How many Kg. of grapes were left with her?

Q9) Anita jogs $1\frac{1}{2}$ Km. in 1 hour. How many Km. can she cover in $2\frac{1}{2}$hours?

Q10) If 12 identical books kept together weigh $6\frac{1}{3}$Kg, what is the weight of each book?

Q11) Subtract: (a) $\frac{2}{11}$ from 4 (b) $1\frac{1}{4}$ from $5\frac{1}{2}$ (c) $\frac{1}{2}$ from $\frac{7}{6}$

(d) $3\frac{1}{2}$ from $1\frac{1}{4}$

Q12)Find the reciprocal of the sum of $1\frac{7}{9}$ and $1\frac{9}{7}$

Q13)n the occasion of birthday, Reena had eaten one-third of the cake and shared the rest equally among three of her friends.

a) What fraction of the cake did each friend get?

b) Do you share your lunch with your friends/ Is sharing a good habit?

Q14) The value of 0.03784x1000 is : a) 3.784 b) 37.84 c) 378.4 d)3784

Q15) The place value of the underlined digit in 78.0123 is:

a) $\frac{1}{10000}$ b) $\frac{1}{1000}$ c) $\frac{3}{1000}$ d) $\frac{3}{10000}$

Q16) The value of the mixed fraction $6\frac{7}{8}$ is:

a) 7.875 b) 6.785 c) 6.875 d) 6.985

Q17)On subtracting 4.81from 43.17 , we get:

a) 38.36 b) 38.81 c) 38.17 d) 47.98

Q18) Amongst the following, the value of expression different from others is:

a) 6÷0.21 b)60÷2.1 c) 0.6÷0.21 d)600÷21

Q19) Find the length of wire required to fence a field of length 290m. and width of 75.25m

Q20)Find the value of:(a) 432.24+23.268+910.9 + 76.007

(b) 15 + 16.21 + 109 (c) 26.5-1.50 (d) 5.721-0.89

(e) 0.097 x 19 (f) 1.07 x 0.02 (g)18.673 x 100

(h) 15.28 x 1000 (i) 56.8÷ 4 (j) 4.29 ÷ 0.003

(k) 0.07525 ÷2.15 (l) 48 ÷ 0.008

Q21) 76.8 m. of cloth has been cut into pieces 1.2m. long. Find the number of pieces that

can be cut.

Q22) Subtract (a) 42.89 from 760 (b) 33.07 from 330.7

Q23) Find the product of 0.2 X0.2 X0.2

Chapter 3 : Data Handling

1) Following are the weights (in kg) of 8 students of a class

48.5, 50, 44.5, 49.5, 50.5, 45, 51, 43

a) Find the mean weight.

b) What will be the mean weight if a student, whose weight is 62kg, is also included?

2) Find the arithmetic mean of the scores

8, 6, 10, 12, 1, 3, 4, 4. Find the range of the data.

3) Find the mean of the 1st three composite numbers.

4) The heights of 10 girls were measured in cm and the results were as follows.

143, 148, 135, 150, 128, 139, 149, 146, 151, 132

a) What is the height of the tallest girl?

b) What is the height of the shortest girl?

c) What is the range of the data?

d) Find the mean height ?

e) Find the number of girls whose heights are less than the mean height ?

5) Find the mean of the 1st ten natural numbers.

6) Two different states of India's experts of garments in the years 2000 to 2005 are given in the following table

Year	2000	2001	2002	2003	2004	2005
Kerala (in crores of Rs)	5	6	8	10	12	14
Karanataka (in crores of Rs)	10	11	9	12	8	13

(i) Draw a double bar graph to represent the data

(ii) What are the total earnings in the years 2002 and 2004 both the states separately?

7) Find the mode, mean and median of the scores

4, 5, 6, 7,7, 8, 9, 13, 12, 8, 8, 9, 8, 10, 11

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तमसो मा
ज्योतिर्गमय

8) Marks obtained by two girls of VII A in final term exam (out of 100) as follows :

Subjects	English	Hindi	Mathematics	Science	Social
Sunita	75	80	92	84	62
Vandhana	72	84	92	65	70

1) Draw a double bar graph to represent the following data.

2) Who did better in the examination

9) The number of hours of television programme watched on Sunday in 40 houses were as follows

9	5	4	3	4	4	9	9	8	9
9	5	10	9	10	10	10	4	9	6
7	9	5	9	9	8	6	7	9	6
6	5	9	9	8	7	8	10	10	9

1) Organise the following numbers in a tabular form.

2) Estimate the mean, median and mode of this distribution.

3) What is the range of the data?

10) A bag contains 3 red and 2 blue marbles. A marble is drawn at random. What is the probability of drawing a blue marble.

11) A box of 600 electric bulbs contains 12 defective bulbs. One bulb is taken out at random from this box. What is the probability that it is a non defective bulb ?

12) What is the probability of getting

(i) an even number

(ii) a multiple of 3

(iii) a number 3 or 4

(iv) an odd number

(v) a number between 3 and 6