APSK-17- HOLIDAYS HOMEWORK- VII

ENGLISH

READING   1.Read famous novel The Time Machine written by H.G.Wells and answer the following questions:

a) What year does the Time Traveler travel to? Describe the time machine

c) Who were Morlocks and Elois? Write the difference between the two species.

d) Write chapter wise summary(50-60 words) of Time Machine (chapter- 1to 4)

WRITING

 2. a) You have been asked to inform students about a Dance Competition . Draft a notice in not more then 5o words for the student's notice board with all necessary details. Put the notice in a box.

  b) You participated in a Speech Competition and you could not perform well. Write a diary entry expressing your feelings.

c) Write an article on ' Personal Hygiene' in not more then 100 words.

VOCABULARY

3. For the given 15 new words, find their dictionary meaning, write a synonym and an antonym and make sentences using them. The words are:

hastily, frail, resilient, shaft, vital, whispered, squeak, crowded, slackened, plead, protest, convenient, assembled, anxious, anecdote

GRAMMAR

5. Write ten sentences each of :

- Past tense (simple, continuous, perfect)
- Future tense (simple, continuous, perfect)
- Present tense (simple, continuous, perfect and perfect continuous)

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ç&1 pkWdysV vkSj ds'k rsy fo"k;ksa ij vkd"kZd foKkiu fyf[k,A

 ç&2 csVk&csVh ,d leku fo"k; ij nks fe=ksa ds chp gqbZ ckrphr dks laokn ds :i esa fyf[k,A

 iz&3 Hkh"e lkguh vkSj eq'kkha izsepan dh ,d&,d dgkuh i<+dj vk,Waxsa vkSj d{kk esa ppkZ djsaxsA

 ç&4 ehHBs opuksa ls lcaf/kr ik¡p nksgs fyf[k,A

 ç&5 lq] loZ rFkk varj milxZ ls ik¡p&ik¡p 'kCn cukb,A

 ç&6 jr] rk rFkk 'kkyh izR;; yxdj ik¡p& ik¡p 'kCn cukb,A

MATHS : Worksheet given to be done .

UNIT-1 INTEGERS

Q1   Find the value of

    (i) $|-18| - |-22|$ (ii) $|-30 + 12| - |-34|$

Q2   Simplify: 146 – (– 200) –(– 90)

Q3   Simplify the following:

    (i)   (-35) × 10 + (-35) × 18

    (ii)   27 × (−8) + 27 × (− 10)

Q4   Simplify using BODMAS: −8 – [7 – { 2+ 5 – (6 −7 – 3)}]

Q5   Simplify using BODMAS: 9 – [− 4 – { 7+ 2 – (4 −3 – 2)}]

Q6   Simplify using BODMAS: 9 ÷ (15 − 7 – 5) +6

Q7   Find the products using some quicker grouping:

    (−14) × 23 × (−10)

Q8   Divide and find the quotient:

    (−1024) ÷ (−32)

Q9   Multiply 5 by (-1). Is the product additive inverse of 5?

Q10   Write the additive inverse of the following:

    4, -8, -3, 6, 8

Q11   Arrange in descending order:

    -7,4,-6,6,-8,-12,5,7

Q12   Arrange in ascending order:

    16, -32, 34, -17, -19, 30,43,-23

Q13   Write the multiplicative inverse of the following:
34, -65, -21, 13, 76

Q14   Represent the following integers on a number line:
3, -6, 1, 8, -7

Q15   Add: (i) +345 and – 45   (ii) -35 and -56

UNIT-2 FRACTIONS AND DECIMALS

Q1   Arrange in ascending order: $\frac{2}{3}, \frac{5}{12}, \frac{4}{9}$

Q2   Arrange in descending order: $\frac{2}{5}, \frac{1}{7}, \frac{3}{10}$

Q3   Simplify: $\frac{1}{18} + \frac{5}{12} - \frac{2}{9}$

Q4   Salman finished his homework in $\frac{5}{12}$ hour and Katrina finished her homework in $\frac{3}{4}$ hour. Who took longer time and how much longer?

Q5   Simplify: $4\frac{1}{2} \times 3\frac{1}{5} \times \frac{1}{3}$

Q6   Simplify: $1\frac{4}{11} \times 14\frac{2}{3} - 2\frac{2}{5} \times 2\frac{1}{4}$

Q7   Find the area of a rectangle whose length is $18\frac{2}{5}$ m and breadth is $11\frac{2}{23}$ m.

Q8   A square playground is $50\frac{1}{2}$ m long. Find its area.

Q9   A man walks $5\frac{5}{6}$ km in one hour. How much distance does he go in $2\frac{1}{7}$ hours?

Q10   Simplify: (i) $2\frac{1}{2} \div 1\frac{7}{8} \times \frac{7}{12}$ (ii) $\left(5\frac{1}{4} \div 2\frac{4}{5}\right) \div 1\frac{7}{8}$

Q11 $4\frac{1}{2}$ kg rice costs Rs $74\frac{1}{4}$. Find the cost of 1 kg of rice.

Q12   Arrange in descending order: 0.89, 8.9, 9.8, 3.01, 6.23

Q13   Subtract: 189.62 from 200.1

Q14   (i)   Multiply: 0.000678 × 1000   (ii)   Divide: 0.3603 by 0.003

Q15   Convert the following common fractions into decimal numbers:
(i) $39\frac{2}{25}$ (ii) $18\frac{3}{8}$

UNIT-3 RATIONAL NUMBERS

Q1   Represent the following rational numbers on a number line
(i) $\frac{-3}{5}$ (ii) $\frac{4}{7}$

Q2   Which is greater: $\frac{1}{3}$ or $\frac{2}{5}$?

Q3   Arrange the following rational numbers in ascending order:
$\frac{2}{3}, \frac{-5}{6}, \frac{7}{8}, \frac{11}{18}$ and $\frac{5}{12}$

Q4   Calculate the following: $\frac{9}{4} + \frac{13}{12} + \frac{15}{8} + \frac{-11}{15}$

Q5   Write the additive inverse of $\frac{-12}{53}$.

Q6   Write the additive inverse of $\frac{-7}{31}$.

Q7   What should be added to $-\frac{3}{4}$ to make it $\frac{-5}{8}$?

Q8   Simplify: $\frac{2}{3} + \frac{-6}{7} + \frac{4}{15} - \frac{-1}{21}$

Q9   Subtract: $\frac{-8}{15}$ from $\frac{7}{-5}$

Q10   The sum of two rational numbers is $\frac{-4}{7}$. If one of them is $\frac{6}{13}$, find the other.

Q11   Multiply: $-3\frac{4}{17}$ and $\frac{-85}{33}$.

Q12   Write the rational number $\frac{-9}{11}$ as a rational number with (a) numerator -18 (b) denominator -55

Q13   Arrange the following in rational number is ascending orders:
-2/7 , 4/9, -3/8 , -5/9

Q14   What number should be added to -7/12 so as to get -5/6

Q15 What should be added to (¾ + 5/6) to get -11/12.

Q16. The sum of two numbers is -11/18. If one of the number is 11/24. Find the other number.

Q17. Divide the sum of 4/5 and -7/9 by their product.

Q18 Divide the sum of 4/15 and 5/20 by their difference.

Q19 Divide the sum of 15/8 and -7/12 by the product of -3/5 and 4/9.

Q20 By what rational number -18/9 be multiplied to obtain 4/3?

SCIENCE

1) Following Activity will be done in which the child will submit the following
   • Aim , Material required , Procedure , Observation and Conclusion

- To cut and paste news paper cutting mentioning maximum and minimum temperature of the day and then calculate the average weather pattern of the day.

2) Draw and practice the following diagrams :
- Human Digestive System, Digestive system of Ruminants, Stomata, Photosynthesis Life Cycle Of SilkWorm

3) Convert the following from Kelvin into Celsius scale
   1. 577 K   2. 832K   3. 473K   4. 999K

4) Frame Four questions from each Chapter included in Periodic I
   1Q – 1mks   ,   1Q – 2mks   ,   1Q – 3mks   ,   1Q - 4mks

SOCIAL SCIENCE

1. **Activity –I**
   Collect and paste pictures of different kinds of rocks, name them and also write in brief about them.

2. **Activity - II**
   Collect and paste pictures of different national and regional political parties of India with their party head and party symbol.

3. Revision of the whole syllabus for PA-I.

4. Practice of the map work (Ch-2 History page no. 11).

SANSKRIT

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2- /kkrq:ikf.k &Hkw vkkfn 1&10 prq”kZq ydkjs”kq dk;Zi=s fjDr LFkkus ysf[kRok Lefj”;fUr firjkS Jkof;”;fUrA

3- i= ys[kue~& mnkgj.ki=s”kq dk;Zi=s fjDr LFkkus ysf[kRok 1&2 Lefj”;fUr firjkS Jkof;”;fUrA   A

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COMPUTER

Q1. Based on Technology and Purpose, classify various types of computers by sticking their images? Also specify the places where these computers are used.

Q2. Paste the image of the first supercomputer built in India. Also write some information about it in 100 words.

WORKSHEET

I. **Answer in long.**
   Q1. What are General purpose and Specific purpose computers?
   Q2. What are the four major parts of mail merge process?

II. **Answer in short**
   Q1. What are Analog Computers?
   Q2. What are Super Computers?
   Q3. What is encryption?
   Q4. What is the process to delete a password?

III. **Fill ups:**
   1. CDC 160A is an example of _____.
   2. Gary Kasparov was defeated by _____.
   3. Digital Computers work on _____.

4. Microcomputers use _____.

5. Digital Analog and Hybrid are types based on _____.

6. Step 3 of 6 in mail merge involves _____

7. Once a file is encrypted, it can be accessed through a _____.

8. _____ and _____ are the two orientations available for printing.

9. Shortcut to print a page is _____

10. Step 2 of 6 in mail merge is _____.

Note: All the holidays homework is to be done in Computer notebook.