SAVITRI DEVI DAV PUBLIC SCHOOL, JAMTARA

SUMMER VACATION ASSIGNMENT- (2023-24)

CLASS: VI

SUBJECT: ENGLISH

Section-A (Literature)

2.A. Answer the following questions:

a. What were the professions chosen by daddy?

b. How did Daddy try to learn the characteristics of a dog and why?

c. Why did the elephant rush towards the centre of the forest?

d. Why did the white elephant and her mother take shelter in a cave?

e. Why did the forester betray the white elephant?

f. If you were in the place of forester,what would you do with the white elephant?

g. If you get the chance to repay the debt of the white elephant, what will you do?

h. Define the character of the forester.

B. a. Extract any three newspapers editorial coloumns' report from English Newspaper and paste it in assignment copy and write down the meanings of new words with which you have aquainted with while go through it.

Section -B (Writing)

3. a. Write a letter to the DEO to request him/her to reduce the duration of the school time due to the scorching heat of Summer.

b. You are Rahul/Rima ,the secratary of Green Club unit of your school . Your unit has decided to organise a Blood Donation Camp which will be inaugurated by Health Minister of your state.Write a notice on behalf of your school to inform the student about the aforementioned camp.

Section -C (Grammar)

4. a. Fill in the blanks with suitable adverbs :

1. She worked ………………….. and passed the examination.

   a. hard b. hardly.   c. cruelly

2. We ………………….. see a lion.

   a. rarely   b.scarcely.   c. hardly

3. He narrated the incident in ………………………

   a. detail   b. details

4. He often comes …………………… to school.

   a. late   b.lately.   c. quick

5. I really feel ……………………… about it.

   a.badly   b. bad.   c.headache

6. He is …………………….. Rich.

   a.very b. much   c.so

7. The journey was ………………….. Uncomfortable.

   a.rather   b.fairly   c. fair

b. Fill in the blanks with appropriate prepositions :

i.They were deaf …………………… my cries.

   a) at   b) to   c) with   d) on

ii.Physical exercise is beneficial …………………….. Health.

   a) with   b) for   c) to   d) of

iii. Are you aware ………………….. your responsibilities?

      a) about   b) of   c) after   d) on

iv. We cannot comply …………………… your request.

      a) to   b) with   c) at   d) on

v. I want to go…………………… the papers one last time.

      a) through   b) with   c) on   d) for

C. Find out the meaning of the following words :

Aquainted , nostalgic , rumour, irony, immigrant , hew.

D. Error Correction :

	Incorrect	Correct
a. It is originally belonged in South Asia.	....	....
b. I have wrote this song yesterday.	…........	....
c. Ravi lend his book to me on yesterday.	…........	....
d. The company was launching by Mark Zuckerberg.	…........	....
e. I have been living in Ireland since two years.	....	....

Section -D (Project Work)

5. Chart out the classifications of Adverb on a chart paper and define it with examples.

SUBJECT: HINDI

1. अनुस्वार और अनुनासिक का प्रयोग करते हुए 20-20 शब्दों को लिखें।

2. महिपाल सिंह से जुड़ी महत्वपूर्ण बातें 15 पंक्तियां लिखें , जो हमारे लिखावट को सुधारने में उपयोगी हो।

परियोजना कार्य :-

3. साहिर लुधियानवी जी का जीवन परिचय एवं प्रसिद्ध कविता तथा गजलें सुंदर लिखावट के साथ (स्टिक फाइल में) लिखें।

4. सर्वनाम की परिभाषा व उसके भेदों को विस्तार पूर्वक चार्ट पेपर में लिखें ।

SUBJECT: SANSKRIT

(1)   वर्ण संयोजनं कुरू।

(१) कृ + अ + र् + म् + अ = _____।

(२) ध् + अ + र + म् + अ = _____।

(३) क + र् + अ + म् + अ = _____।

(४) आ + म् + र् + अ + म् = _____।

(५) छ् + अ + त् + र् + अ + म् = _____।

(२) वर्णविन्यासं कुर्वन्तु ।

 (१) यद्यपि

 (२) राम

 (३) रघु

 (४) परीक्षा

 (५) ज्ञानी

(३) दिन द्वयस्य अवकाशाय प्रचार्यं प्रति पत्रों लिखत।

(४) पूर्ण वाक्येन उतरत।

(१) स्व जन्मभूमि रक्षणे वीराः किम् प्रयच्छ ?

(२) वीराः किम् पालनं कुर्युः ?

 (३) वीराः रणे किम् धारणं कुर्युः ?

(४) वीराः रणे शिरः किम् कुर्युः ?

 (५) वीराणां मनसि क्वचिद किम् न अस्ति ?

 (६) अहम् कैः सह क्रिडामि ?

(७) चित्राणि कीदृशम सन्ति ?

(८) वयम् केषाम् सम्मानम् कुर्मः ?

(९) विद्यालये कदा अवकाशं भवति ?

(१०) अहम् प्रतिदिन कुत्र गच्छामि ?

(11) परियोजना कार्यम् (Art Integration) झारखण्ड राज्य को तेलंगणा राज्य से संकेत बिन्दुः —-
i)   परिचयः (introduction)
ii)   क्षेत्रफल (area)
iii)   बोली (language
iv)   खान-पान
v)   वेश- भूषा
vi)   जनसंख्या
vii)   जलवायु
viii) शिक्षा

SUBJECT: MATHEMATICS

CH-1 Natural Numbers and Whole Numbers

1.   Example 1: Convert the given Hindu Arabic Numerals into Roman Numerals. (i) 46 (ii) 98 (iii) 63 (iv) 80 (v) 56
2.   Convert the following into Hindu Arabic Numerals. (i) XLVIII (ii) LIX (iii) XCVII (iv) XXXI (v) LXXIX
3.   Add 38, 65 and 94 in three different ways.

4. Divide 2853 by 62 and check the answer.
5. Add the following in 2 different ways (i) 469+35+31+5 (ii) 625 + 35 + 65 + 75.
6. Re-arrange and multiply the following (a) $250 \times 8 \times 625 \times 4$ (b) $200 \times 61 \times 60 \times 10$.
7. Solve $62 \times (75 + 25) = 62 \times 75 + (.........) \times 25$.
8. Solve $35 \times (102 - 25) = 35 \times (.........) - 35 \times 25$.
9. Solve $725 \times 998 = 725 \times (......... - 2)$.
10. Find the smallest 7-digit number using four different digits.
11. How many times does the digit 5 occur in the unit place when we write the natural numbers from 1 to 100?
12. How many times does the digit 8 occur in the unit place when we write the natural numbers from 1 to 100?
13. There are 1005 students in a school. If each student pays his/her fee 625 in a month, find the total amount collected in the school account.
14. Find the least number that should be subtracted from 1000 so that 30 divides the difference exactly.
15. Find the 4-digit largest number which is exactly divisible by 40.
16. Write the greatest five-digit number using the digits 4, 2 and 0.

CH-2 Factors and Multiples

1. If the difference of the sum of the digits at odd places and the sum of the digits at even places is divisible by 0 or 11, then the number is divisible by _____.
2. If a and b are any two co-prime numbers, then their HCF is _____.
3. Product of two numbers = HCF × _____.
4. LCM of the numbers must be _____ by their HCF.
5. 48351 is divisible by 3 but not by _____.
6. If a number is divisible by 6 then it must be divisible by _____ and _____. _____.
7. 15 and 35 are divisible by _____.
8. Which of the following numbers are divisible by 11? (a) 2 4 8 6 3 3 (b) 6 5 8 9 1 1
     (c) 8 2 5 6 83   (d) 9 9 9 9 9
9. List the five multiples of 16.
10. Which of the following pairs are coprime? (a) 8, 12 (b) 7, 12 (c) 16, 25 (d) 18, 35 3.
    Write any four pairs of twin prime numbers.
11. Write three numbers which are divisible by 11.
12. Write five numbers which are divisible by 3 but not 9.
13. Find HCF of 655 and 455.
14. The floor of a room is 6 m 75 cm long and 5 m wide. It is to be paved with square tiles. Find the largest size of tile needed.
15. Find the LCM of 80, 120 and 135.
16. Three DTC Buses stop after 50, 120 and 135 km respectively. If the above buses leave together, after how many kilometers will they stop together if they start at 2 p.m?
17. Four bells toll at intervals of 8, 9, 12 and 15 minutes respectively. If they toll together at 1 p.m., when will they toll together next?
18. Find the least number which when divided by 40, 50 and 60 leaves remainder 5 in each case.

MATHS PROJECTS:- Write Factors and Multiple (definition with Example) and uses of Factors and Multiples in real world on a white art paper in a decorative way.

SCIENCE

SUBJECT: PHYSICS

I) Define the following terms.
   1.physical quantities .   2. standard unit.   3.measurement.
II) Answer the following.
4.When do we consider an object to be in motion?
5.why is foot step ,or a hand span ,not used as a standard unit of length?
6.with the diagram write the precautions, to be followed, when a meter scale is being used for measuring a given length.
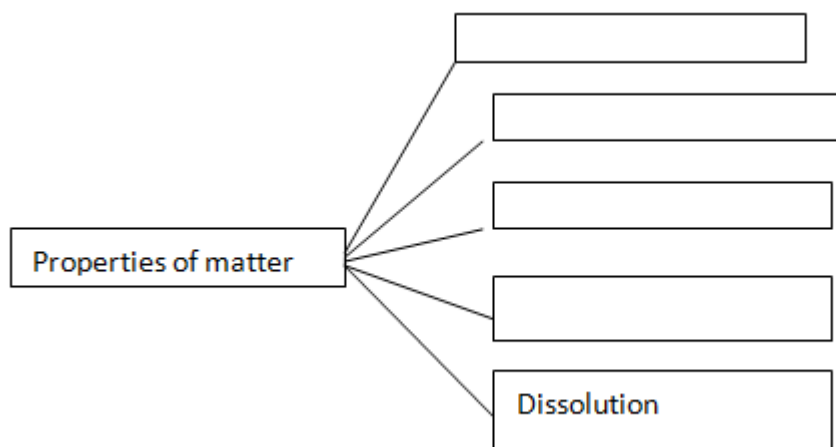**7.Distinguish between.**
 a)Rotation and Revolution with example.
 b)Rectilinear and circular motion.

SUBJECT: CHEMISTRY

Chapter-3[Nature of Matter]

1.   **Look** around carefully in your house and make a list of at least 10 materials in your
         house. After making the list, classify the material as natural and synthetic materials.
2.   Define the following materials
             a) Diffusion
             b) Saturated solution
             c) Solubility
3.   Draw a diagram showing arrangement of particles in three states of matter.
4.   Give reasons
             a) Solids have definite shape and volume.
             b) Ice pieces float in water.
             c) Oxygen is used by aquatic animals to breathe.
5.   Complete the given table

S.N	Physical State of matter	Arrangement of particles and their movement	Shape and Volume
1	Solid		Fixed shape and definite volume
2		Particles are less tightly packed and can move a little	Definite volume and no fixed shape
3	Gases		No fixed shape nor definite volume

Dissolution

Properties of matter

6.**Chemistry Project** : Make a model to show the arrangements of particles in the three States of matter.

make a project showing the similarities between rainwater harvesting in Jharkhand and rainwater harvesting in Telangana.

SUBJECT: BIOLOGY

1.How do living things interact with the nonliving things in our environment?

2. List a way in which you can convert your kitchen waste into useful matter for plants.

3. Why is the sun called an ultimate source of energy? Name two plants which respond to light also draw them.

4. Check the waste materials in your house. Find some which can be recycled and make an artwork out of them. Also try to germinate a seed. Try to make compost out of materials which you found as biodegradable waste material in your house for your plant. Write about how you felt when you saw the seed germinating in your biology copy.

5. What is the mineral cycle? Draw 9 diagrams to represent the mineral cycle.

Project : Make a model to show the arrangements of particles in the three States of matter.

SOCIAL SCIENCE

SUBJECT: HISTORY

A Tick the correct option.
1. Kautilya wrote the book–
    a) Meghdoot b) Arthshastra c)   Ramayan d) Ttarasshacharita.
2. The period when art of writing was unknown is called–
    a) Prehistory b) Ancient history c)Medieval history d) Modern history.

3. The study of coin is known as–
  a) Architecture b) Numismatics c) Calligraphy
4. Who is the author of Abhigyan shakuntalam?
 a) Kautilya b) Justilas   c) Mahatma Budda d) Kalidas
5. The Chinese traveller who visited India was–.
 a) Alexander b) Columbus c) Megasthenes d) Fa-hein
B. Fill in the blanks–
  1. The greatest achievement of man duxing palaeolithic Age was _____.
  2. Paleo means _____ and lithic mean _____.
  3. In India, the demains of mesolithic man have been found in the degions of _____ and _____.
  4. _____ was the first metal discovered by man.
  5. _____ man believed in the life after death.
C. Answer the following questions in briefly–
  1. What is the literary sources of Indian history?
  2. Define monuments.
D. Answer the following questions–
  1. How does the study of coin help the historians?
  2. What were the beliefs of Neolithic man about life?
E. Map skill
 On the outline political map of India locate, and label the following–   a) One of
the cities of Harappan civilization.
 b) One place of Ashokan inscription in found.   c) Place where Redfort in situated.
d) One of the archalogical sities.   e)Capital of India.

SUBJECT: CIVICS

Tick the correct option

1. Economic development has made villages and towns-
     a. Close to each other
     b. Distant from each other
     c. Independent of each other
     d. Rivals of each other

2. The Directive Principles of State Policy are helpful in achieving our national goal like-

     a. Secularism
     b. Economic justice
     c. Population control
     d. Education for all

3. Which one of the following is a harvesting festival?

     a. Diwali
     b. Pongal
     c. Holi
     d. Eid-ul-fitr

4. Community life promotes a feeling of _____.

5. Education makes us gooo_____.

6. What makes the fulfillment of our needs possible?

7. Name the harvest festival of Punjab.

8. What is Community life?

9. Name two types of community.

10. How does economic interdependence begin in a community?

11. Distinguish between rural and urban communities.

PROJECT WORK:- (SOCIAL SCIENCE)

Make a Project on Art Integration under Ek Bharat Shreshtha Bharat Programme as a comparative study between the states JHARKHAND & TELANGANA on the following topics:- 1.Historical background of b states

2. Climatic changes , height of the states from sea level, dress, food, agricultural production.

3.political conditions, government, folk dance, culture.

SUBJECT: GEOGRAPHY

1. What is a dwarf Planet? Give examples also.
2. What are terrestrial Planets?
3. Write a short note about ISRO?
4. How was the earth formed?
5. What are constellations?
6. Write the rotation and revolution time of eight planets.
7. When was the Mars Orbiter Mission launched by India? What are its achievements?
8. Make a sketch diagram of your locality.
9. Why does the moon not have conditions favorable for life?
10. Why do we always see only one side of the Moon?

DRAWING- Up to complete pg. no. - 15(BOOK)

ASSIGNMENT - Any model,poster or collage related paper craft to environment.

SUBJECT : ARTIFICIAL INTELLIGENCE

1. Define the future of AI. Define each content with an example and picture (also).
2. Give a brief description about "Pix2Pix" application including steps to use the application.
3. What are the three components of Human Machine Interaction? Define each component with example.
4. Define the use of "Nim" game (use the internet to get the information) with examples.
5. What do you mean by "Internet of things"?