

KENDRIYA VIDYALAYA NUAPADA
AUTUMN BREAK HOLIDAY HOMEWORK
CLASS -VI

Hindi :-

1. संज्ञा सर्वनाम वर्शेषण की परिभाषा लिखिए तथा उसके उदाहिण भी लिखिए।
2. आपके बडे भाई का विवाह 1 नरंबि, 2024 को होना सुननश्चित हुआ है। विवाह में शालमि होने के लिए तीन ददनों के अर्काश हेतु प्रधानाचार्य को प्रार्थना पत्र लिखिए।

English:-

1. Write 5 lines neat hand writing daily in CW copy from the lesson Neem Baba.
2. Record your voice reciting the poem- A Friend's Prayer & What a Bird Thought
- 3- Record your voice reading the Tense Chart.
- 4- Write 3 lines about 5 herbal plants in HW copy
- 5- Write the meaning and one sentence using the new words of Neem Baba in HW copy.

Mathematics :-

1. Learn and write tables from 2-20.
2. Complete your learners diary (for those who have not submitted yet). It should be neat, colourful and presentable.
3. Solve half yearly question paper in maths notebook of term 2.
4. Solve 2 sudoku puzzles 5 Make a tangram puzzle game for yourself using thick cartridge sheet. (Intersting one)
 - a) Making a tangarm <https://youtu.be/GHcbZBpEb68> .
 - b. Make different fraction cards, $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$ etc.

SCIENCE :- (Do in your H.W notebook)

1. Create a colorful poster on "The Uses of Magnets in Everyday Life." Include examples like refrigerators, toys, and medical equipment. Describe each use briefly.
2. Magnets are used in various devices like doorbells, speakers, and electric motors.
Research any one device that uses a magnet and explain how the magnet is useful in that device.

Social Science :- Attempt the following Quizzes and note down 10 question & answers in notebook out of the Quizzizz :

- a)<https://quizizz.com/admin/activity/classic/67016d6a3f2158707f792c11>
b)<https://quizizz.com/join/quiz/66d1c5c2e63c5a6ce07aa777/start?from=admin>
c)<https://quizizz.com/join/quiz/61ecf913cf12cb001dc36afb/start?from=admin>

SANSKRIT

- 1.संस्कृतभाषायां स्वस्य विषये दश – वाक्यानि लिखन्तु ।
2. पठ , लिख्, खेल् धातूनां रूपाणि लिखन्तु।
- 3.अकारान्तः राम –शब्दः,अकारान्त रमा शब्दः अकारान्त नपुंसक फलं च एतानि शब्दरूपाणि विलिखन्तु।
4. पञ्च नीतिश्लोकान् स्मृत्वा आगच्छत।

Computer :-

Write all answers in your HW copy.

1. Write any two differences between RAM and ROM.
2. What are the advantages and disadvantages of cache memory.
3. Differentiate between Impact and Non-impact printer.
4. What id Drop cap in MS word?
5. Draw a block diagram of Computer system.
6. What do you mean by hyperlink.
7. What is mail merge?
8. Write any two types of text alignment available in MS word?
9. What do you mean by Header and Footer in MS Word? How can we insert these in a document?
10. Define Workbook and Worksheet in MS Excel.

WORK EDUCATION :-

- Q.1) What is a line tester and why we use this.
- Q.2) Where do we use a cell and a battery, give examples.
- Q.3) Collect waste material from your house and make a project on the theme best out of waste.
- Q.4) Define a conductor and a insulator and collect the materials from your home & make a table to classify as electrical conductor and insulator

CLASS-VII

(Write all answers in HW copy)

(I) ENGLISH

1. Rewrite the answers of Mid Term Test –‘WRITING & GRAMMAR’ Section.
2. Read the lesson ‘EXPERT DETECTIVE’ and frame 10 comprehension questions on it.
3. Read the story ‘THE BEAR STORY’ and frame 10 comprehension questions on it.
4. Make a list of 20 PHRASAL VERBS with meaning finding from Honeycomb.
5. Find 20 verbs with their noun forms from An alien Hand .

(II) हिंदी

1. बहन की शादी में घर जाने के लिए तीन दिनों की छुट्टी है तो अपने प्राचार्य को आवेदन पत्र लिखें।
2. दशहरा अथवा मोहर्रम पर निबंध लिखें।
3. पाठ 4,5,6 के सभी प्रश्न उत्तर लिखें।

(III) संस्कृतम्

१. संस्कृतम् किमर्थं पठामः? अस्मिन् विषये दश वाक्यानि लिखन्तु।
२. पठ, लिख, खाद् धातूनां लट्, लृट्, लङ् लकारेषु प्रयोगं कृत्वा ३० वाक्यानि लिखन्तु।
३. सर्वधर्मचित्रं निर्माय आयान्तु।
४. पञ्च नीतिश्लोकान् स्मृत्वा आगच्छत।

(IV) MATHS

CHAPTER: COMPAIRING QUANTITIES

1. The ratio of 6 Kg to 400 gram is
10:1
15:1
12:1
6:1
2. The cost of 7 Kg potatoes is Rs.42. How many Kg of potatoes can be purchased for Rs. 96?
10 Kg
12 Kg
15 Kg
16 Kg
3. 0.1 as percent is
10%
1%
10%
0.1%
4. Out of 40 children in a class, 10 are boys and the rest are girls. What is the percent of girls?
30%
60%
75%
50%
5. The marks in a test decreased from 40 to 30. The percentage of decrease is
10%

20%

25%

40%

6.9 is 25% of what number?

7.Find

15% of 250

20% of 2500

75% of 1 Kg

8.Divide 15 sweets among Manu and Sonu so that they get 20% and 80% of them respectively.

9.The population of a city decreased from 25000 to 24500. Find the percentage of decrease.

10.Saksham sells a washing machine for Rs.13500. he loses 20% in the bargain. What was the price at which he bought it?

CHAPTER: RATIONAL NUMBERS

1.If $\frac{4}{5} = \frac{x}{12}$, then x is equal to

3

6

9

12

2.Which of the following is a positive rational number?

$(-1)/2$

$2/(-3)$

$(-3)/(-4)$

V)SST

- Attempt the following Quizzes and note down 10 question & answers in notebook out of the Quizzizz :

A.<https://quizzz.com/join/quiz/6008913ac142ea001f2062f1/start?from=admin>

B<https://quizzz.com/join/quiz/60503d7ea96309001b2b624c/start?from=admin>

C. <https://quizzz.com/join/quiz/5be1934d788061001a23248c/start?from=admin>

VI)SCIENCE

1.Why is the speed of a vehicle not always constant during a journey? Explain how factors like traffic, road conditions, and signals can affect the speed of a vehicle.

2.Speed Quiz: Create a quiz of 10 questions on motion and time. Include questions about speed, types of motion, time measurement devices, and graphs.

VII)COMPUTER

1.Create a webpage using HTML related to the outdoor activities

2.Create your class time table with class teacher name using <table> in HTML, you are free to use colors of your own choice.

1.Write all answers in your HW copy.

A.What is list in HTML?

B.What is the use of <a> tag in HTML? Give syntax.

C.Give one difference between Ordered list and Unordered list?

D.What are the types of list in HTML?

E.What is cellspacing?

VIII)WORK EDUCATION

Q.1) Make a simple project of electromagnet with a battery , copper wire & iron nail. Draw the diagram in your notebook.

CLASS -VIII

HINDI

1. दशहरा पर्व पर अनुच्छेद लिखें।
2. पेड़ों की सुरक्षा से संबंधित दो लिट्टों के बीच की बातचीत लिखें।
3. बबजी बॉर्व के एक अधिकारी को पत्र लिखकर बबजी की हो रही बार-बार कटौती की सिस्या से अर्गत कराएं।

ENGLISH:- (Write all answers in HW copy)

1. Rewrite the answers of Mid Term Test –‘WRITING & GRAMMAR’ Section.
2. Read the lesson ‘THIS IS JODY’S FAWN’ and frame 10 comprehension questions on it.
3. Read the story ‘PRINCES SEPTEMBER’ and frame 10 comprehension questions on it.
4. Make 20 examples of PASSIVE VOICE of Interrogative sentences.
5. Make a list of 20 PHRASAL VERBS with meaning finding from Honeydew.

MATHEMATICS :-

- 1) Write multiplication tables from 2 to 20 one time each.
- 2) Paste Half yearly Maths question paper in your C/W notebook and do its corrections.
- 3) Write any 3 algebraic identities.

SCIENCE

(Do it in your H.W notebook)

1. Create a quiz of 10 questions on the topic of adolescence. Include questions about physical changes, hormones, mental health, and personal hygiene. From the chapter Reaching the age of adolescence.
2. Research common myths about puberty and adolescence (e.g., "Only boys experience growth spurts"). Write down at least 5 myths and explain the facts behind them.
3. Draw pictures of different emotions (happiness, sadness, anger, excitement) that adolescents may experience during this period. Write a short paragraph next to each drawing, explaining how adolescents can handle each emotion positively.

SANSKRIT: -

१. पठ धातोः पञ्चलकारान् लिखित्वा स्मृत्वा च आयान्तु।
२. संस्कृत-पठने कः लाभः? पञ्च – वाक्यानि लिखन्तु।
३. एकस्य योगासनस्य चित्रेण सह तस्य लभान् लिखन्तु।

SOCIAL SCIENCE:- Attempt the following Quizzes and note down 10 question & answers in notebook out of the Quizzizz :

- a) <https://quizizz.com/join/quiz/6006910b06cfba001b3bfcc2/start?from=admin>
- b) <https://quizizz.com/join/quiz/603724e28ed41f001bd33e2e/start?from=admin>
- c) <https://quizizz.com/join/quiz/5feb4dca5f94dd001b632541/start?from=admin>

COMPUTER: -

1. Make a Presentation on topic ARTIFICIAL INTELLIGENCE and its application Make at least 10 slides.
2. Write all answers in your HW copy.
 - a. What is vector tool.
 - b. Write about path of Photoshop?
 - c. How to draw U and S shapes?
 - d. What is typographic design?
 - e. What do you mean by wrapping font in Photoshop?
 - f. Write few points to prepare file for print?
 - g. Write the steps for preparing file for web output?

WORK EDUCATION :-

Objective-to develop the practical and productive skills along with theoretical knowledge.

Q.1) Make any project out of these-Best out of waste or clay modelling.

OR

Q.2) what is a magnet & Electromagnet, draw diagrams of both on a chart paper along with their types and application.

Q.3) Define an electrical fuse and its types along with uses on a chart paper.

CLASS – IX

SOCIAL STUDIES:

1. Watch the following videos and make a gist/summary of 150 words for each video :
 - a) <https://www.youtube.com/watch?v=xT10kTnYLDQ>
 - b) <https://www.youtube.com/watch?v=YnBoYCOlbkw>
2. Attempt the following quizzizz and note down 10 question and answers from the following quizzes
 - a) <https://quizzizz.com/join/quiz/5eeb4465c97502001c01670b/star>
 - b) <https://quizzizz.com/join/quiz/5a1cfc2fa8ba481100197f7b/star>

SCIENCE:

(Do Q 1 & 2 in your H.W notebook)

1. Explain the law of conservation of energy with an example from everyday life.
2. Give examples of situations where work is done, and no work is done. Explain why in each case.
2. Prepare a presentation for seminar on Millet for sustainable future and health.

MATHEMATICS:

- 1) If two lines intersect, prove that the vertically opposite angles are equal ?
- 2) The angles of a triangle are in the ratio 5 : 3 : 7. The triangle is ?
- 3) Can a triangle have all angles less than 60°? Give a reason for your answer ?
- 4) Complete correction of half yearly exam question paper in C/W notebook.

ENGLISH:

1. Imagine that you are conducting a research on the conservation of a few animal species in India. You have been asked by the Wildlife Trust of India to prepare a report on the future of the YAK that lives in the Ladakh region of the Himalayan Mountains. With the help of internet find the issues and make your report. Refer to MCB page 56-58.
2. Rewrite the answers of PT-2–‘WRITING & GRAMMAR’ Section.

SANSKRIT

१. पञ्चलकारान् स्मृत्वा लिखित्वा च प्रदर्शयन्तु।
२. संकृतभाषायाम् नुआपडायाः तीर्थ – स्थलानां विषये निबन्धं लिखन्तु।
३. अनुवादं कथं संकृत-भाषायां सरलतया कर्तुं पारयामः उपायान् हिन्दी भाषायां लिखन्तु।

HINDI

1. मां और बेटी के बीच अनुशासन को लेकर संवाद लेखन लिखें।
2. अप, कु, पर, परा उपसर्गों से युक्त पांच पांच शब्द बनाएं।
3. आवट, ई, आई, इक प्रत्ययों से युक्त पांच पांच शब्द बनाएं।
4. कृतिका से दो पेज सुलेख लिखिए।

ARTIFICIAL INTELLIGENCE: (NOTE : Write in A4 size paper.)

1. Write a program to obtain three numbers and print their sum.
2. Write a program to obtain length and breadth of a rectangle and calculate its area.

3. Write a program to obtain temperature in Celsius and convert it into Fahrenheit using formula.

$$C \times \frac{9}{5} + 32 = F$$

4. What will be the output produced by following code?

```
value='Gopal' age =14 print (name, " you are", 14, "now but")  
print ("you will be", age +1, "next year")
```

5. Write a program to test a number is prime or not.

6. Write a program to check a number is a palindrome or not.

7. What will be the output of following code?

```
x, y =2,6  
x, y=y, x+2  
print(x, y)
```

Work Education Autumn Homework

Objective- To develop the practical and productive skills along with theoretical knowledge.

Q. Make a simple electrical project of switch boards having 2 bulbs controlled by a single switch.

CLASS X

ENGLISH

(Write all answers in HW copy)

1. Your School is organizing a long tour for your class to Kolkata, Guwahati, Shillong & Bangkok. In order to make the students aware of the need to be responsible 'eco-tourist' You have been asked to make a presentation speech on "Towards Joyful & Sustainable Tourism" giving tips to the students on monuments, heritage sites, places of worship, places of ecological importance and responsible behavior as tourists. (MCB unit-5)
2. CONDITIONAL-Unit 7 - *Work Book* page 128 & 129-Write down all the answers of Exercises
3. Rewrite the answers of PT-2- 'WRITING & GRAMMAR' Section.

SCIENCE

1. Sustainable development is often discussed in relation to environmental conservation. Explain how sustainable development practices can help in conserving the environment. Give at least three examples of sustainable practices.
2. Plastic pollution is a growing concern worldwide. What steps can individuals, communities, and governments take to tackle the issue of plastic waste? How can we reduce the production and consumption of plastic?
3. Complete all the Que/Ans of the completed chapter in your H.W notebook.
4. Prepare a presentation for seminar on Millet for sustainable future and health. (Can do in groups)

SANSKRIT

१. पञ्चलकारान् स्मृत्वा लिखित्वा च प्रदर्शयन्तु।
२. दशम – काक्षायां संस्कृतम् किमर्थं स्वीकृतवान्/स्वीकृतवती ?
दश – वाक्यानि लिखन्तु।
३. स्वस्य चित्रं निर्माय दशवाक्यानि स्वस्य विषये लिखन्तु।

SOCIAL SCIENCE

- Watch the following videos and make a gist/summary of 150 words for each video :
 - <https://www.youtube.com/watch?v=4ngYj9LkSw8>
 - https://www.youtube.com/watch?v=VV_iJ8y7sCY
- Attempt the following quizzizz and note down 10 question and answers from the following quizzes :
 - <https://quizizz.com/join/quiz/5f7331f7f675c8001bb9c480/start>
 - <https://quizizz.com/join/quiz/5fcf4e22d69929001b47995e/start>

MATHEMATICS

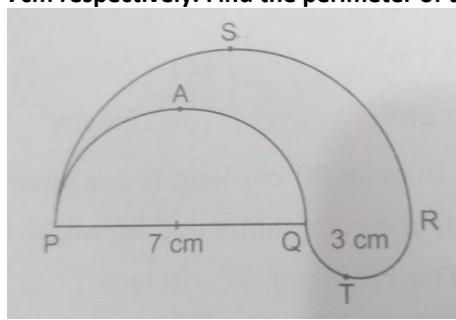
CHAPTER: SOME APPLICATIONS OF TRIGONOMETRY

- The angle of depression of a car, standing on the ground, from the top of a 75 m high tower is 30° . The distance of the car from the base of the tower (in m) is:
 - $25\sqrt{3}$ c- $75\sqrt{3}$
 - $50\sqrt{3}$ d- 150
- If two towers of heights h_1 and h_2 subtend angles of 60° and 30° respectively at the midpoint of the line joining their feet, then $h_1:h_2$ will be
 - 1:2 c-2:1
 - 1:3 d-3:1
- The ratio of the height of a tower and its shadow on the ground is $\sqrt{3}:1$. the angle of elevation of the sun will be: c-180 d-60
 - 30°
 - 45°
- An observer, 1.5 m tall is 28.5 m away from a 30 m high building. the angle of elevation of the top of the building from the eye of the observer will be: c-75 d-45
 - 30°
 - 60°
- The angles of elevation of two cars, from the car to the top of a tower are 45° and 30° . If the cars are on the same side of the tower and are 50 m apart, the height of the tower will be:
 - $25(\sqrt{3} - 1)$ $50(\sqrt{3} + 1)$
 - $25(\sqrt{3} + 1)$ $50(\sqrt{3} - 1)$
- As observed from the top of a light-house, 100 m high above sea level, the angle of depression of a ship, sailing directly towards it, changes from 30° to 60° . Determine the distance travelled by the ship during the period of observation. (use $\sqrt{3} = 1.732$)
- Two ships are there in the sea on the either side of a light-house in such a way that the ships and the light house are in the straight line. The angles of depression of two ships as observed from the top of the light-house are 60° and 45° . If the height of the light-house is 200m, find the distance between the two ships.(use $\sqrt{3} = 1.732$)
- The angle of elevation of the top of a tower at a distance of 120 m from a point A on the ground is 45° . If the angle of elevation of the flagstaff fixed at the top of the tower, from A is 60° , then find the height of the flagstaff. (use $\sqrt{3} = 1.73$)
- The angle of elevation of the top of a hill at the foot of a tower is 60° and the angle of depression from the top of the tower to the foot of the hill is 30° . If tower is 50 m high, find the height of the hill.

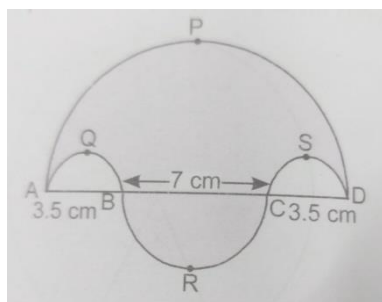
- 10) The length of a string between a kite and a point on the roof of a building 10 m high is 180 m. if the string makes an angle θ with the level ground such that $\tan\theta = \frac{4}{3}$, how high is the kite from the ground?

CHAPTER: AREAS RELATED TO CIRCLES

- The perimeter (in cm) of a square circumscribing a circle of radius a cm, is
 - $8a$
 - $2a$
 - $c-2a$
 - $d-16a$
- The diameter of a wheel is 1.26 m. the distance travelled in 500 revolutions is
 - 2670m
 - 2880m
 - 1980m
 - 1596m
- The area of a quadrant of a circle whose circumference is 44cm is
 - $\frac{35}{2}$ sq cm
 - 70 sq cm
 - $\frac{77}{2}$ sq cm
 - 80 sq cm
- An arc of a circle is of length 5π cm, and the sector it bounds has an area of 20π cm². The radius of the circle is
 - 4cm
 - 10cm
 - 8cm
 - 15cm
- If the circumferences of two circles are in the ratio 4:9, then the ratio in their areas is
 - 9:4
 - 4:9
 - 2:3
 - 16:81
- The ratio of the outer and inner perimeters of a circular path is 23:22. If the path is 5 m wide, then find the diameter of the inner circle.
- Area enclosed between the two concentric circles is 770 cm². If the radius of the outer circle is 21 cm. then find the radius of the inner circle.
- In adjoining figure, PSR, RTQ and PAQ are three semicircles of diameters 10cm, 3cm and 7cm respectively. Find the perimeter of the shaded region PATRSP. (USE $\pi = 3.14$)



- Find the area of the shaded region AQBRCSDPA in the figure, where arc APD, arc AQB, arc BRC and arc CSD are semicircles of diameter 14 cm, 3.5 cm, 7 cm and 3.5 cm respectively. (use $\pi = \frac{22}{7}$).



- 10) The diameter of the front and rear wheels of a tractor are 80 m and 2 m find the number of revolutions that rear wheel will make to cover the distance which the front wheel covers in 1400 revolutions. .(use $\pi = \frac{22}{7}$).

ARTIFICIAL INTELLIGENCE

1. Write a program to test a number is prime or not.
2. Write a program to find the area of a circle.
3. Write a program to find the sum of digits of a number.
4. Write a program to obtain length and breadth of a rectangle and calculate its area.
5. Write a program to check a number is a palindrome or not.
6. Write a program to calculate factorial of a number.
7. Write a program to input two numbers and swap them.
8. Write a program to input age from user and print if as per the input age, one is eligible to vote or not.
9. Write a program to accept three integers and print the largest of the three.
10. Write a program to input a 3 digit number and check if it is an Armstrong number or not.

HINDI

1. सूर्यकांत त्रिपाठी निराला जी के 'उत्साह, अट नहीं रही है' एवं 'लखनवी अंदाज' पाठ से पठित (काव्यांश, गद्यांश) के दो-दो प्रश्न लिखें।
2. वाच्य के सभी भेदों से 10-10 उदाहरण लिखें।
3. कृतिका के 'माता का आंचल' तथा 'साना साना हाथ जोड़ि' पाठ के सभी प्रश्नों के उत्तर लिखें।