

HomeWork Assignment

Class : IX

Subject : Hindi

गद्यांश को पढ़कर नीचे दिए गए प्रश्नों के उत्तर लिखिए:-

1. दोनों बैलों का ऐसा अपमान ----- पकड़ाई में न आते।
 - (i) दोनों बैलों का किसने और किस तरह अपमान किया ? उसने ऐसा क्यों किया ?
 - (ii) बैलों के प्रति झूरी और गया के व्यवहार में क्या अंतर था ?
 - (iii) मोती को क्रोध क्यों आया ? क्रोधावश में उसने क्या किया ?
2. काबा फिर काशी ----- बैठी कबीरा जी
 - (i) मनुष्य के मन से धार्मिक भेदभाव मिटने से क्या परिवर्तन हुए ?
 - (ii) दोहे में 'मोट चून' किसे कहा गया है ? वह मैदा कैसे बन गया।
 - (iii) दोहे में प्रयुक्त प्रतीकों को स्पष्ट कीजिए।
3. (i) दो बैलों की कथा के आधार पर सिद्ध कीजिए कि एकता में बल है।
 - (ii) कांजीहौस में किन्हें कैद किया जाता है तथा उनके साथ कैसा व्यवहार होता है ?
 - (iii) भारतीयों को अमेरिका में क्यों घुसने नहीं दिया जाता था ?
 - (iv) दोनों बैल कसाई की कैद से कैसे मुक्त हुए ?
 - (v) कबीर की साखी में 'विष' और अमृत किसके प्रतीक हैं?
 - (vi) कबीर के अनुसार हंस किसके प्रतीकार्थ है। वह अन्यत्र क्यों नहीं जाना चाहता ?
 - (vii) सुबरन कलश किसका प्रतीक है ? मनुष्य को इससे क्या शिक्षा ग्रहण करनी चाहिए ?
4. निम्नलिखित उपसर्गों से दो-दो शब्द बनाइए :-

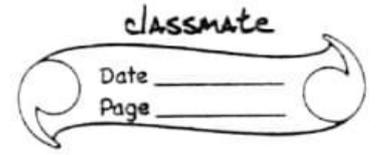
अति, अधि, अनु, अव, आ, उत्, उप, दुर, नि, निस्, प्र, प्रति, वि, सु, अध, खुश, पर, भर, दु
5. निम्नलिखित प्रत्ययों से दो-दो शब्द बनाइए-

अक, अक्कड़, औना, हार, कार, आई, आ, नी, आवत, आहट, ता, इया, एरा, इक, ई, आइन, दार, गर,
6. अर्थ की दृष्टि से वाक्य के भेद लिखिए:-
 - (i) लडकी ने खाना नहीं खाया।
 - (ii) मेरी पुस्तक कहाँ है?
 - (iii) वाह! कितना सुंदर फूल है।
 - (vi) शायद आज वह आएगा।
 - (v) दरवाजा बंद करो।
 - (vi) लडकी खाना खाती है।
 - (vii) ईश्वर तुम्हें लंबी आयु दे।
 - (viii) यदि तुम मेहनत करते तो सफल होते।
7. निर्देशानुसार उत्तर दीजिए।
 - (i) मुकेश सब्जी बनाता है। (प्रश्नवाचक में बदलिए)

- (ii) रोहन यह पाठ लिखो। (निषेधवाचक में बदलिए)
- (iii) बच्चे बाहर नहीं खेलते। (संदेहवाचक में बदलिए)
- (iv) क्या पिताजी बात कर रहे है ? (विधान वाचक में बदलिए)
- (v) अरे! बहुत तेज़ हवा चल रही है। (इच्छावाचक में बदलिए)
- (vi) काश मोहन साइकिल चलाता। (संकेतवाचक में बदलिए)
- (vii) विदेशी होकर भी वह हिंदी बोलती है। (विस्मयवाचक में बदलिए)
- (viii) रामू बरतन साफ करता है। (आज्ञावाचक वाक्या में बदलिए)
- (ix) सुबह की पहली बस पकड़ने से ही समय पर पहुँचोगे। (संकेतवाचक वाक्य में बदलिए)
- (x) हम घूमने जाते है। (इच्छावाचक)

Note – Do this work in Hindi Note Book.

CLASS - IX
SANSKRIT ASSIGNMENT



APRIL - 2020

1) सन्धिं कुरुत - स्वरसन्धिः

- | | |
|--------------------|---------------------|
| 1) छात्र + आवासः = | 13) यदि + अपि = |
| 2) अभि + इष्टः = | 14) गंगा + उदकम् = |
| 3) मधु + कर्मिः = | 15) पितृ + ऋदिद्यः |
| 4) धीर + इन्द्रः = | 16) हरि + इच्छा |
| 5) भाग्य + उदयः = | 17) तथा + ख्व |
| 6) परम + ऋषिः = | 18) सप्त + ऋषिः |
| 7) मत + ऐक्यम् = | 19) परि + ईक्षा |
| 8) इति + अपि = | 20) धन + ऐश्वर्यम् |
| 9) नर + उत्तमः = | 21) यदि + ख्व |
| 10) सु + उक्तिः = | 22) महती + इच्छा |
| 11) सुधा + उाकरः = | 23) लघु + उत्पत्तिः |
| 12) हित + इच्छुः = | 24) सूर्य + उदयः |

2) संस्कृत व्याकरण पुस्तक से गद्यांश नं० 1, 2 के प्रश्नों के उत्तर लिखें।

MAY - 2020

- 1) व्याकरण पुस्तक से पाँच पत्रलेखन में शिखर स्थानों की पूर्ति करें।
- 2) इन सरल वाक्यों का संस्कृत में अनुवाद करें।
 - 1) गंगा हिमालय से निकलती है।

- 2) वह पुस्तक पढ़ता है।
- 3) मैं बाजार जाता हूँ।
- 4) तुम दोनों क्या कर रहे हो?
- 5) विद्या से विनम्रता आती है।
- 6) हम दोनों खेल के मैदान में जाते हैं।
- 7) हम सब विद्यालय जाते हैं।
- 8) शिक्षा विनम्रता देती है।
- 9) अनुशासन जीवन का आधार है।
- 10) भारत हमारा देश है।

JUNE - 2020

व्यंजन संधि -

1) संधि तथा संधि विच्छेद करें -

- | | |
|---------------------|-------------------|
| 1) पृथक् + उच्यते = | 11) वाग्दानम् = |
| 2) वाक् + अर्थी = | 12) षड्दर्शनम् = |
| 3) वाक् + ईशाः = | 13) वाग्जालम् = |
| 4) अच् + अन्तः = | 14) अजादिः = |
| 5) षट् + आननः = | 15) चिदानन्दः = |
| 6) महत् + दुःखम् = | 16) जगदीशः = |
| 7) सत् + आचारः = | 17) महद्व्यनम् = |
| 8) जगत + बन्धुः = | 18) सज्जनः = |
| 9) शुप् + अन्तः = | 19) स्वर्गादिपि = |
| 10) अप् + जः = | 20) सद्व्यर्मः = |
- 2) गद्यांश नम्बर 3, 4 के प्रश्नोंतरों को करें।

Subject: English

- Q1. What kind of a teacher did Margie and Tommy have ? (30 to 40 words)
- Q2. " Toto was a pretty monkey ." In what sense is Toto pretty? (30-40words)
- Q3. What are the things the child sees on his way to the fair ? Why does he lag behind (30-40 words)
- Q4. Why was Kezia afraid of her father ?(30-40 words)
- Q5. Write a short paragraph on "Einstein at school " .(80-100 words)
- Q6.. attempt a character sketch of Evelyn ? (100-150 words)
- Q7. Write the summary of the poem 'The Road Not Taken' (100-150 words)
- Q8. Write an article on 'Pollution due to Urbanisation' in about 100 to 150 words .
- Q9. Given below is the beginning of a story . Complete it , in about 150-200 words

Hints

When Mohit reach his house from the market Hisar a crowd gathered in front of his house shopping and disturb his started running towards the house many thoughts were flashing in his mind

Q10. Read the information given below and complete the paragraph that follows .

- * Put a scoop of vanilla ice cream into a blender.
- * Add a tablespoon of sweetened lemon squash.
- * Add half a bottle of soda.
- * Gently stir and serve.

A scoop of vanilla ice cream(a) _____ in a blender . A tablespoon of sweetened lemon squash and the juice of one lemon (b) _____ to the mixture . Soda is also put after which it (c) _____.It is then(d) _____.

Q11. . In the passage given below, one word has been omitted in each line.

Write the missing word along with the word that comes before and the word that comes after it.

	Before	Missing	After
A bicycle gets punctured when thorn	(a) _____	_____	_____
or a nail runs into its tube. Puncture	(b) _____	_____	_____
needs to repaired. First of	(c) _____	_____	_____
all, the tube taken out of the tyre and	(d) _____	_____	_____
inflated.			

Note:- Students will make a separate thin notebook for assignment.

Subject : Biology

Answer the following questions in class notebook-----

1. What are fertilizers? Are they eco-friendly?
2. What are the different types of irrigation system?
3. What are weeds? How can we control them?
4. Differentiate between macro and micronutrients.
5. What are the advantages of intercropping and crop rotation?
6. Differentiate between broilers and layers.
7. Suggest some preventive measures of the diseases of poultry birds.
8. Name two types of animal feed and write their functions.
9. Why beekeeping should be done in good pasturage?
10. What do you understand by composite fish culture?
11. Project- Prepare a report on different crops grown in Jharkhand.(In stick file)

Subject : Chemistry

- Q 1. what was the basic classification of element in ancient time name them.
2. Find the density of a handful of sand having a mass of 208 gram and it displaces a volume of 80 ml of water.
3. A piece of Chalk can be broken into small particles on hammering but it is not possible to break a piece of iron in the same fashion why.
4. Why solid ice floats on water?
5. By which physical process the fragrance of burning incense stick spreads all around. ?
6. What is the major factor which determine the state of matter?
7. Why burns caused by the steam are much more severe than boiling water.
8. What is the SI unit of pressure? Give its value in ATM unit
9. Which state of matter is responsible for the glow of the sun and the stars?
10. By which physical process wet clothes dry up.
11. What are the characteristics of the particles of matter?
12. What is matter? Write two properties of solids and two properties of liquids.
14. How does the change in temperature and humidity affect the rate of evaporation?
15. All the exercise questions of matter in our surroundings of NCERT book.

ASSIGNMENT

Std. – IX

Subject – Physics

1. *What do you mean by the slope of a velocity-time graph ?*
2. *Distinguish between speed and velocity ?*
3. *A body moves in a circular path with a constant speed.
Does any acceleration produce ? Justify your answer.*
4. *Name a device which is used to measure instantaneous speed.*
5. *The area under speed-time graph measures which quantity?*
6. *A break is applied on a car moving with a speed 20 ms^{-1} , the car comes to stop in 2s. Find the acceleration produced . What is the nature of the acceleration? Calculate the distance covered by the car during this time.*
7. *A body moving in straight line covers a distance with a speed of 12 km/h in 2 hour, after that turns and comes back to its initial position in 3 hr. Calculate the average speed and average velocity .*
8. *The velocity of a body in different time is given as*

<i>time(s)</i>	–	1	2	3	4	5	6
<i>velocity(m/s)</i>	–	2	4	6	8	10	12

Draw the velocity-time graph . Using the graph, calculate the acceleration of the body during the time interval of (4 to 5) s.

Subject : Economics

Chapter -1 The Story of Village Palampur

Back questions from NCERT book

Extra questions -

1. What is the meaning of working capital? What is its effect on day-to-day farming activities?
 2. Explain why modern farming methods increase production cost, at the same time harming the physical environment.
 3. Explain the impact of availability of electricity on the activities in Palampur.
 4. What are the similarities and differences between the small farmers and landless labourers? Discuss.
 5. "Green Revolution is associated with loss of soil fertility ". In the light of the statement, mention five problems caused by modern farming.
-

Subject : History

Q.1 Learn 1 mark QA.

Q.2. Learn 3 marks QA.

Q 3 Learn 5 marks Q A

Q.4 Draw any 5 political symbols and write about it .(pg 12 & 13).

Q.5 Write about Napoleon Bonaparte.

Map practice (map of France)

Locate 1. Paris, 2. Bordeaux, 3. Nantes, 4. Marseilles.

Subject : Civics

1 .Learn short Q A. (1 mark).

2 Write main features of Democracy.

3. Explain the Cartoon from pg no. 25 & 26.

Subject : Mathematics

1. Chapter 1: number system: exercise 1.1 to exercise 1.6.

2. Chapter 2: polynomials: exercise 2.1 to exercise 2.5.

3. Chapter 3: co-ordinate geometry: exercise 3.1 to exercise 3.3.

4. Chapter 6: lines and angles: exercise 6.1 to exercise 6.3.

NOTE : learn all important formulas related to the chapters given above

Additional Questions

4. Rationalise the denominator

$$\frac{16}{\sqrt{41}-5}$$

5. Represent $\sqrt{5.5}$ on the real line.

6. If $x = 3 + \sqrt{8}$, show that $x^2 + \frac{1}{x^2} = 34$.

7. Express each of the following decimals in the p/q.

(a) $0.\overline{001}$

(b) $12.\overline{324}$

8. Find the value of a and b if $\frac{3+\sqrt{7}}{3-\sqrt{7}} = a+b\sqrt{7}$.

9. Simplify:

(i) $6^{\frac{2}{5}} \times 6^{\frac{3}{5}}$

(ii) $\sqrt[3]{4} \times \sqrt[3]{16}$

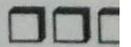
(iii) $(81)^{\frac{3}{4}}$

(iv) $\frac{\sqrt[4]{1250}}{\sqrt[4]{2}}$

Time 1 Hour

Marks 20

1. For what value of a , $x - 3$ is a factor of $x^3 + x^2 - 17x + a$? (1)
(a) 18 (b) 12 (c) 15 (d) -5
2. The degree of polynomial $3y - y^2 + 4$ is (1)
(a) 2 (b) 1 (c) 3 (d) 4
3. If $p(x) = 5 - 4x + 2x^2$ then $p(-2)$ is (1)
(a) 5 (b) 21 (c) 23 (d) 25
4. Zero of the polynomial $p(x) = 2x + 5$ is (1)
(a) $\frac{-2}{5}$ (b) $\frac{-5}{2}$ (c) $\frac{2}{5}$ (d) $\frac{5}{2}$
5. Find the remainder when $P(x) = x^3 + 3x^2 + 3x + 1$ is divided by $g(x) = 5 + 2x$ (2)
6. Without actually calculating the cubes, find the value of $(28)^3 + (-15)^3 + (-13)^3$. (2)
7. Evaluate using suitable identity (3)
(a) 104×96 (b) $(102)^3$
8. The polynomial $f(x) = ax^3 + 9x^2 + 4x - 8$ when divided by $(x + 3)$ leaves (-20) as remainder. Find the value of a . (3)
9. Factorize
(a) $27\rho^3 - \frac{1}{216} - \frac{9}{2}\rho^2 + \frac{1}{4}\rho$ (b) $64m^3 - 343n^3$
10. Find the value of $x^3 + y^3 - 12xy + 64$ when $x + y = (-4)$. (3)



Time 45 mins.

1. The mirror image of $P(3, 4)$ on y axis is (1)
2. The distance of point $A(-4, 2)$ from x -axis is unit. (1)
3. Plot $A(-3, 7)$ and $B(4, 4)$ on a graph. Join these points to the origin. What figure you will get? (3)
4. In which quadrant do the following points lie? (2)
(i) $(3, 2)$ (ii) $(-2, 1)$ (iii) $(-1, -3)$ (iv) $(5, -1)$
5. Plot the following points on a graph paper: (2)
(i) $(2, 4)$ (ii) $(0, 4)$ (iii) $(-1, -3)$ (iv) $(2, 0)$
6. Plot the points $A(0, 5)$, $B(8, 0)$, $C(8, 5)$ and join them. What figure do you obtain? Find the area of the figure. (4)
7. Answer the following: (3)
 - (i) A point lies on Y -axis then which coordinate is zero?
 - (ii) What is the name of the point where the horizontal axis and vertical axis intersect in the cartesian plane?
 - (iii) If a point is at a distant 2 units from Y -axis and 3 unit from X -axis. Write its coordinate.
8. Find the co-ordinates of the vertices of a rectangle placed in III quadrant in the cartesian plane with length ' p ' units on X -axis and breadth ' q ' units on Y -axis. (4)

Subject : Geography

APRIL 2020

1. What is the latitudinal and longitudinal extent of India?
2. Why is India called a peninsula?
3. Name the Indian states forming Land frontiers with-
 - a. Pakistan
 - b. Bangladesh
 - c. China
 - d. Myanmar
 - e. Bhutan
 - f. Nepal
4. What is a Sub-continent? Name the countries forming the Indian Sub-continent.
5. What is the significance of India in the Indian ocean?
6. Name the countries which are larger than India.
7. Name the states through which the Tropic of Cancer passes?
8. Map Work-
 - a. In a Political map of India locate 29 states and 7 Union territories.
 - b. In a Political map of India locate the capitals of Indian states and Union Territories. In the same map, show neighbouring countries.
 - c. In a Political map of India show the place situated on the three seas and the Strait separating Sri Lanka from India.

MAY 2020

1. Name three types of rocks. Give examples of each type.
2. What are Tectonic plates?
3. Distinguish between convergence and divergence of tectonic plates.
4. Which continents of today were parts of the Gondwana land?
5. Describe the formation of the Himalayas.
6. Describe the formation of Northern planes. What is the extent of the Northern Planes?
7. Why the Himalayas are called- 'Youngfold Mountains' ?
8. Give main characteristics of the three parallel ranges of the Himalayas.
9. Give main characteristics of Purvanchals.
10. What is the significance of the Northern planes?
11. Which rocks form the Peninsular Plateau?
12. Distinguish between the Western and Eastern Ghats.
13. Map Work- On an outline map of India show the following-
 - a. The Karakoram Hills, The Vindhya Range, the Aravali, and the Cardamom Hills.
 - b. K2, Kanchenjunga, Anai Mudi
 - c. Chhota Nagpur Plateau and Malwa Plateau.
 - d. The Indian desert, Western ghats, Lakshadweep Island.

JUNE 2020

1. What is meant by Drainage Basin?
2. What is a Water divide?
3. Distinguish between the Himalayan and the Peninsular rivers.
4. Describe different types of Drainage patterns and draw them.
5. Name the three main Himalayan river systems.
6. Name two head streams of Ganga.
7. Write important features of Brahmaputra river system.
8. Name some tributaries of river Ganga.
9. What are lakes? Explain different types of lakes.
10. What is the role of Rivers in the economy?
11. Explain the reasons for river pollution?
12. Compare the East flowing and West flowing rivers of the peninsular plateau.
13. Map Work-
 - a. On an outline map of India mark and label the following rivers- Ganga, Sutluj, Damodar, Krishna, Narmada, Tapi, Mahanadi and Brahmaputra
 - b. On an outline map of India mark and label the following lakes- Chilika, Sambhar, Wular, Pulicat, Kolleru.

Subject : Information Technology

Session-1 (Unit-2)

1. Define computer?
2. What are components of computer? Define them.
3. Name the fields where computer is used.
4. What is network?
5. What are the components of a network?

6. What is Internet?
7. Define Intranet?
8. What is the difference between Internet and WWW?

Session-2(Unit-2)

1. Write the various parts and sub-parts of a computer?
2. What is port? What are the various ports?
3. Compare RAM with ROM?
4. What are the various storage devices?

Session-3 (Unit-2)

1. Define CPU and its different parts?
2. What is input unit of a computer system?
3. What is output unit of a computer system?
4. What is the job of Control Unit inside CPU?
5. What is the job of Arithmetic Logic Unit inside CPU?
6. Name four input devices and write the type of input that can be entered through them into a computer system.
7. Name four output devices and write the type of output that can be exhibited through them.

Session-4 (Unit-2)

1. What are different types of Computer? Give example.
2. What are the factors which affects computer performance?
3. What are different kinds of productivity programs?