BRAIN INTERNATIONAL SCHOOL
WINTER HOLIDAYS HOMEWORK
SESSION-2024-25
CLASS-VII

If we had no winter, the spring would not be so pleasant; if we did not sometimes taste of adversity, prosperity would not be so welcome.

TO DO LIST

Revise the syllabus covered so far

Divide the time judiciously for studies and recreational activities

Be kind to nature

Perform morning exercise to stay fit.

Converse in English

Spend quality time with your family

ENGLISH

Prepare and record a short storytelling performance using puppets.

Theme- *"Time travel - Exploring the past, present, and future, unlocking the wonders of every moment in time."*

Instructions:

➢ Create a puppet show with characters and dialogues.

➢ Use any type of puppet (e.g., hand puppets, sock puppets, stick puppets, or finger puppets) to tell your story.

➢ Write a brief script for the story, keeping it engaging and creative.

➢ Record the video of your puppet show, ensuring good visibility and clear sound.

➢ Time limit- 2 minutes

Share your recorded video along with the script via

mail to your respective subject teacher.

We hope you enjoy this creative task. Looking forward to your wonderful presentations!

हिंदी

प्रश्न 1. निम्नलिखित पठित पद्यांश को पढ़कर प्रश्नों के उत्तर दीजिए।

जागो बंसीवारे ललना !
जागो मोरे प्यारे !
रजनी बीती , भोर भयो है , घर – घर खुले किंवारे।
गोपी दही मथत , सुनियत हैं कंगना के झनकारे ।।
उठो लालजी ! भोर भयो है , सुर – नर ठाढ़े द्वारे।
ग्वाल – बाल सब करत कुलाहल , जय – जय सबद उचारै ।।
माखन – रोटी हाथ मँह लीनी , गउवन के रखवारे।
मीरा के प्रभु गिरधर नागर , सरण आयाँ को तारै ।।

प्रश्न I "जागो बंसीवारे ललना!" में "बंसीवारे" किसे संबोधित किया गया है?
A) अर्जुन
B) श्रीकृष्ण
C) राम
D) शिव

प्रश्न II "रजनी बीती, भोर भयो है" इस पंक्ति में "भोर" का क्या तात्पर्य है?
A) रात्रि
B) प्रातःकाल
C) मध्याह्न
D) सायंकाल

प्रश्न III "सुर – नर ठाढ़े द्वारे" का अर्थ क्या है?
A) ग्वाल-बाल द्वार पर खड़े हैं।
B) देवता और मनुष्य द्वार पर खड़े हैं।
C) गाएं द्वार पर खड़ी हैं।
D) गोपियां द्वार पर खड़ी हैं।

प्रश्न IV किनके कंगना की आवाज़ आ रही है और क्यों ?

उत्तर_____
_____
_____
_____

प्रश्न V ग्वालबाल किसे पुकार रहे हैं ?

उत्तर_____
_____

प्रश्न 2) निम्नलिखित पदों का शुद्ध रूप लिखिए –

क) पृथिव _____

ख) दावाइयाँ _____

ग) साप्ताह _____

घ) त्यौहार _____

ङ) क्योंकी _____

प्रश्न 3) मातृदिवस पर माँ को संदेश लिखिए |

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MATHS

A. Learn multiplication tables from 2 to 25 and squares from 1 to 30.

Square 1 to 30

|		
$1^2 = 1$	$11^2 = 121$	$21^2 = 441$
$2^2 = 4$	$12^2 = 144$	$22^2 = 484$
$3^2 = 9$	$13^2 = 169$	$23^2 = 529$
$4^2 = 16$	$14^2 = 196$	$24^2 = 576$
$5^2 = 25$	$15^2 = 225$	$25^2 = 625$
$6^2 = 36$	$16^2 = 256$	$26^2 = 676$
$7^2 = 49$	$17^2 = 289$	$27^2 = 729$
$8^2 = 64$	$18^2 = 324$	$28^2 = 784$
$9^2 = 81$	$19^2 = 361$	$29^2 = 841$
$10^2 = 100$	$20^2 = 400$	$30^2 = 900$

## B. Draw the following shapes on an isometric sheet.

(i)

(ii)
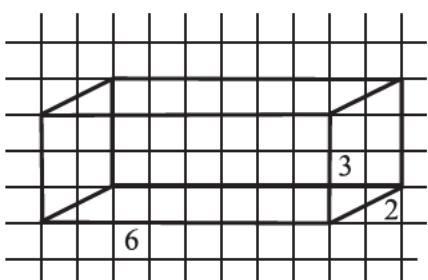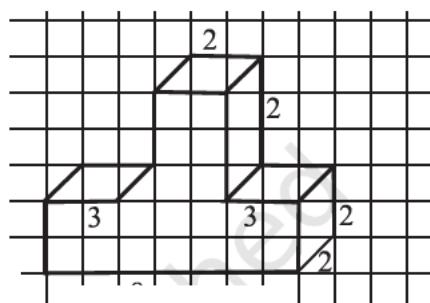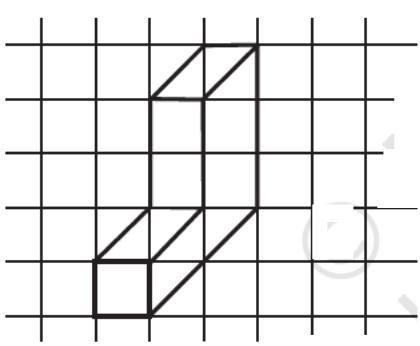
Fig 13.15
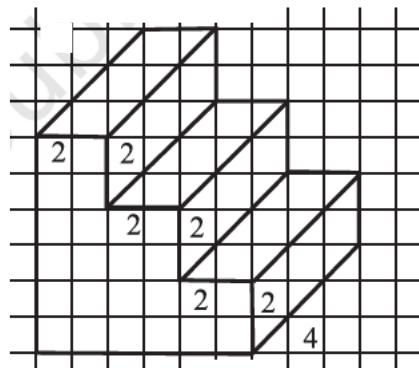
Maths Worksheet

I. Multiple Choice questions

1. (−1) is not a solution of _____ equation.

   a) $x + 1 = 0$ b) $x − 1 = 2$ c) $2y + 3 = 1$ d) $2p + 7 = 5$

2. x exceeds 3 by 7, can be represented as

   a) $x + 3 = 2$ b) $x + 7 = 3$ c) $x − 3 = 7$ d) $x − 7 = 3$

3. The ratio of the measures of the three angles of a triangle is 2 : 3 : 4. The measure of the largest angle is:

   a) 80°   b) 60°   c) 40°   d) 180°

4. PQR is a triangle right angled at P. If PQ = 3cm and PR = 4cm, find QR.

   a) 7 cm   b) 17 cm   c) 13 cm   d) 5 cm

5. The value of $3x^2 + 2x − 7$ at x = −2 is

   a) 1   b) −1   c) 9   d) 23

6. Simplify combining like terms: 42a + 21a −6a + 28 = _____.

   a) 28   b) 57a + 28   c) 57 + 0   d) a + 28

7. The value of $[3^8 ÷ 3^5] ÷ 3^3$ is

   a) 1   b) 3   c) 5   d) 8

8. 3430000 in standard form is

   a) $3.43×10^6$ b) $3.43×10^4$ c) $3.43×10^2$ d) $3.43×10^0$

9. The number of vertices of a cone is

   a) 1   b) 6   c) 2   d) 3

10. Four positions of a dice are shown below. The number opposite to 2 is
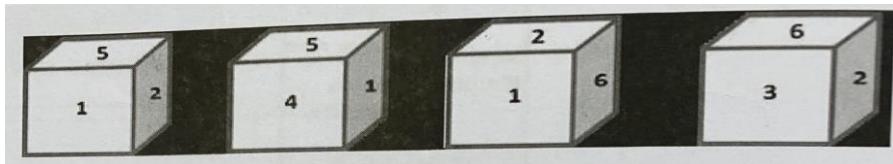
   a) 3   b) 2   c) 4   d) 1

II. Assertion and Reasoning

DIRECTION: In the following questions from 1 to 10, a statement of **Assertion(A)** is followed by a statement of **Reason(R)**. Choose the correct option.

(a) Both Assertion and Reason are true and Reason is a correct explanation of Assertion.

(b) Both Assertion and Reason are true but Reason is not a correct explanation of Assertion.

(c) Assertion is true and Reason is false

(d) Assertion is false and Reason is true.

1. Assertion: 4×2 is a monomial.

Reason: Monomial contain only one term.

2. Assertion: The area of a rectangle whose length and breadth are 3y and 9y respectively is 27y.

Reason: Area of rectangle = length × breadth.

3. Assertion: The reciprocal of a non-zero rational number is also a rational number.

Reason: The reciprocal of a rational number p/q is q/p, and since both p and q are integers and q is not zero, the reciprocal is also a rational number.

4. Assertion: Every integer is a rational number.

Reason: An integer can be expressed as a fraction with a denominator of 1. Since both the numerator and denominator are integers, it satisfies the definition of a rational number.

5. Assertion: The exponential form of 125 is 3^5.

Reason: $125 = 5 \times 5 \times 5$.

6. Assertion : $(-1)^3 = (-1)$

Reason: (–1) raised to any odd power is (–1).

III. **<u>Case-Based questions</u>**

A. Alex is learning about the angles of a triangle. He has a triangle with angles measuring 40°, 75° and an unknown angle. Can you help him with these questions?

(i) What is the sum of the angles of a triangle?

(ii) Calculate the measure of the unknown angle.

(iii) If the unknown angle was 120° instead, what type of triangle would Alex have, based on angle measures?

B. David has a collection of toy trains. He has 4 more blue trains than red trains, and 3 times as many yellow trains as red trains. If he has a total of 27 toy trains.

(i) Express the above situation as an equation.

(ii) How many trains do David has of red colour?

(iii) How many blue trains do he has?

(iv) How many yellow trains do he has?

SCIENCE

Answer the following questions in your notebook:

1. Give the definition dispersion of light. Also, explain why does it take place? Draw a diagram to show the dispersion of white light by a glass prism.

2. What is a virtual image? Give one situation where a virtual image is formed.

3. State the characteristics of the image formed by a plane mirror.

4. Explain why forest is called "the dynamic living entity"?

5.   In Fig., the artist has forgotten to put the labels and directions on the arrows. Mark the directions on the arrows and label the diagram using the following labels: clouds, rain, atmosphere, carbon dioxide, oxygen, plants, animals, soil, roots, water table.
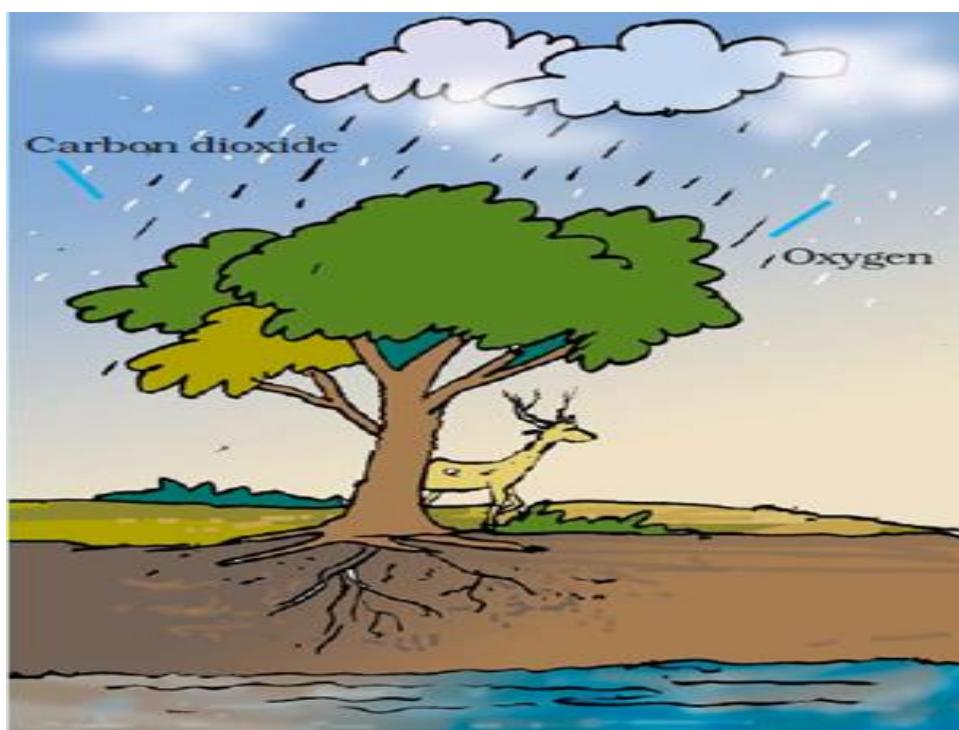
6. Why is it important to conserve forest?

SOCIAL SCIENCE

Q1. Enlist few reasons to state why chain of market is important?

Q2. Do you think wholesale trader necessary in a chain of markets? Why so?

Q3. The people in between the producer and final consumer are _____.

Q4. "Branded goods are expensive as compared to non-branded goods". Why?

Q5. Order of Chain of marketing

(a) Producer-Agents -Retailer- Wholesaler

(b) Agents- Producer -Wholesaler-Retailer

(c) Producer-Wholesaler-Retailer-Agents

(d) Producer-Agents-Wholesaler-Retailer

Q6. Who among the following sell goods at higher price than other in the chain market

(a) Producer

(b) Retailer

(c) Agent

(d) Wholesaler

Q7. There are two statements given below, marked as Assertions (A) and Reasons (R)
. Read the statements and choose the correct option.

- **Assertion (A) : A market is a place where you will find two parties- one who sells the product or service and the other who purchases the product sold by the seller.**

- **Reason (R) : It is the market from where we get all our necessities and wants and a place where a person can earn their livelihood by running a business of selling goods and services to the people.**

a.) Only A is correct

b.) Both are correct and R is the explanation of A.

c.) Only R is correct

d.) Both are correct but R is not the explanation of A.

NOTE-Do the above questions in your civics/history register.

FRENCH

Q. Mettez les verbes à l'impératif

1. À la première personne du singulier « tu » :

1.(Prendre)........................ ce médicament tous les jours.

2.(Penser).......................... à acheter du pain.

3.(Aller) ………………... à la cuisine et (rapporte).......................... du sel.

4.(Téléphoner)........................ ...-moi demain matin.

5.(Ne pas être).......................... trop impatient, le train va arriver

6.(Ne pas faire) …………….... de sport maintenant mais (penser) ....-y.

7.(Donner) ....-moi ce sac, il est trop lourd pour toi.

8.Ce sont des brocolis, (manger)..................... ….-en car c'est bon pour la santé.

2. À la première personne du pluriel « nous » :

1.(Partir) .... toute de suite, nous sommes en retard.

2...Il neige beaucoup alors (être) vigilants.

3. (Ne pas finir) .... pas trop tard car c'est vendredi.

4.(Savoir).......................... prendre le temps pour répondre à ces questions.

5.(Visiter) ....ce musée lundi prochain, il y aura moins de monde.

6. Ce voyage est intéressant alors (réfléchir) ....-y.

7. Pendant les grèves (avoir)...........................de la patience.

8. Il fait trop froid dehors alors (rester) ....chez nous.

3. À la deuxième personne du pluriel « vous » :

1.(Vouloir) ……………... insérez votre carte et (taper)....................... votre code.

2.(Ne pas être)..........................inquiet si je rentre tard.

3. Il n'y a plus de lait alors (acheter) ....-en 1 litre.

4. Le jour de l'examen (avoir) .... votre carte d'identité avec vous.

5. (Savoir).......................... que je ne suis pas là la semaine prochaine.

6. (Ne pas croire)...........................tout ce qu'il dit.

7. (Ne pas traverser) .... la rue quand le feu est rouge.

8. (Vouloir) .... prendre rendez-vous et (ne pas être).........en retard.

GERMAN

Q1. Lies den Text und beanrworte die Fragen.

Stefan ist 15 jahre alt und geht in echte Klasse. Er treibt gern Sport. Er spielt Tennis und Fussball .Cricket kann er auch gut.Aber er kann kein Hockey spielen. Jetzt will er Ski fahren lernen, denn seine Schule hat eine gute Skimannschaft. Er muss in einen Sportverein gehen. Sein Sportlehrer kann ihm auch helfen. Er sagt : „Stefan, du musst jeden Tag trainieren. Hast du einen Skier ? '' Stefan sagt : „ Nein , aber ich kaufe heute einen."

I. Richtig (right) – (R) oder Falsch (False) – (F) .

a) Stefan ist 13 jahre alt .   _____

b) Er hat kein Cricket spielen.   _____

c) Stefan musst jeden Tag trainieren.   _____

d) Er ist in echte Klasse.   _____

e) Er spielt Gitarre.   _____

Q2. Schreib Konjugation von "muessen" :-

    Ich

    du

    wir

    ihr

    Sie

Q3. Ergänze: wollen oder können.

 i) Tina _____ schwimmen lernen. Also geht sie ins Schwimmbad.

 ii) Brigitte _____ gut Ski fahren.

 iii) Wir _____ heute Abend in die Disko gehen.

 iv) Was? Du _____ nicht Volleyball spielen? – Nein.

 v) Markus, _____ ich mal dein Fahrrad haben? Ich _____ eine Radtour machen.

Q4. Antworte mit Possessiv-Artikel.

 i) Ist das dein T-Shirt ?

_____.

ii) Gehört die Sporttasche Lukas ?

_____.

iii) Gehören die Inlineskates Stefan ?

_____.

iv) Sind das deine Socken ?

_____.

v) Ist das Ihr Handy,Herr Schulz ?

_____.

Q5. Kreuzen die richtige option an.

a) Ich brauche _____ Skier, um Ski zu fahren.

(i) den   (ii) das   (iii) die

b) Ich brauche _____ Fahrrad, wenn ich Rad fahren will.

(i) den   (ii) das   (iii) die

c) Ich brauche _____ Tennisschläger. Ich will tennis spielen.

(i) der   (ii) das   (iii) die

विषय - संस्कृत   कक्षा –सप्त   अभ्यास पत्र, जनवरी 2024-25

प्रश्न 1 अधोलिखितम् अनुच्छेदं पठित्वा प्रश्नानाम् उत्तराणि लिखत।

गीष्म- ऋतौ मनुष्याः पशवः पक्षिणः च सर्वे अपि जीवाः अतितीक्ष्णतापेन व्याकुलाः जायन्ते। सूर्यस्य तीव्रैः किरणैः पृथ्वी शुष्का भवति सरांसि शुष्यन्ति पादपाः लताः च हरित पत्र विहीनाः जायन्ते। वन्य जन्तवः छाया अभावे जलाशयानां जलाभावे च व्याकुलाः इतस्ततः परिभ्रमन्ति। ते कुत्र अपि आश्रयं न आप्नुवन्ति। खगाः स्वनीडेषु एव तिष्ठन्ति।

1 एकपदेन उत्तरत।

क) का शुष्का भवति?.............................।

ख) के व्याकुलाः भूत्वा परिभ्रमन्ति? ....।

ग) काः हरित पत्र विहीना ः जायन्ते। ....।

2 पूर्णवाक्येन उत्तरत ।

क) के स्वनीडेषु एव तिष्ठन्ति? ....।

ख) सूर्यस्य तीव्रै ः किरणै ः किम् भवति? ....।

3 निर्देशानुसारम् उत्तरत।

क) 'अभावे' इति शब्दस्य विभक्तिं लिखत। (षष्ठी,सप्तमी,पंचमी) ....।

ख) अनुच्छेदे एकः अव्यय शब्दे चित्वा लिखत। ....।

ग) 'आश्रय ' विलोमपदम् लिखत। (निराश्रय, स्वाश्रित).............................।

घ) 'तिष्ठ' शब्दे कः धातु प्रयुक्तम्? (वद ,स्था,तिष्ठ्).............................।

ङ) गद्यांशस्य उपयुक्तं शीर्षकं लिखत। ....।

प्रश्न 2 चित्रम् आधृत्य पंच वाक्यानि लिखत।सहायतार्थम् पदानि मञ्जूषायाम् दत्तानि सन्ति।

मञ्जूषा

पितामहः, पितामही, मातामही ,समाचारपत्रम्, क्रीडनकैः, क्रीडति, यच्छति, चायम् ,हसति, तिष्ठति,ददाति।

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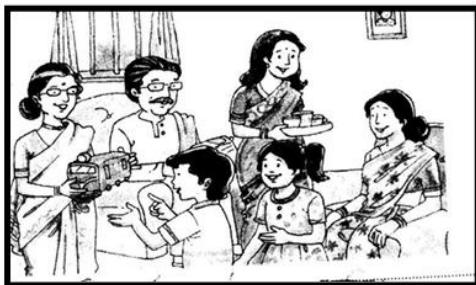
प्रश्न 4 'राम , लता, किम् त्रिषु लिङ्गेषु ' शब्दरूपाणि उत्तरपुस्तिकायां लिखत व स्मरणं कुरु।

प्रश्न 5 'पत् ,स्था हस् व रक्ष' धातुरूपाणि उत्तरपुस्तिकायां लिखत व स्मरणं कुरु। (लट्,लृट्,लङ्,लोट्)

प्रश्न 6 रेखाङ्कितः पदानि आधृत्य प्रश्न निर्माणं कुरुत।

क) वृष्टौ तस्य शस्यं प्रावहत् । ....।

ख) सः क्षेत्रे बीजानि अवपत् । ....।

प्रश्न 7 निम्न वाक्यानाम् निर्देशानुसारं वचनं परिवर्त्यताम्।

क)युवाम् लेखम् न अपठतम्। (एकवचने)..............................।

ख) सः विद्यालये अपठत्। (द्विवचने)..............................।

प्रश्न 8 रेखांकितपदानि वाक्यम् शुद्धम् कुरुत।

क)त्वं देशम् रक्षतु..............................।

ख) अहम् गृहस्य बहिः गच्छामि। ....।

ग) छात्राः विद्यालयेन पठन्ति..............................।