

SCIENCE:

Instructions:

- **Do all the holiday homework questions in the activity file.**
- **Complete your science Q/A and worksheets and learn it.**

Q.1. Read the passage and answer the given questions.

On Ajay's 12th birthday, his father invited all his friends and their relatives. It was a big party with lots of food and DJs. Ajay didn't like the loud sound of DJs and asked his father to play it in a low volume so that their neighbours do not get much disturbed and people in the party can also enjoy the music. Ajay's father felt good for his wisdom and did as he said.

- Do you think when loud music is played in a party, is it acceptable to all the people living in the neighbourhood?
- How can you control noise pollution at your end?
- What is the allowed noise level by WHO in residential areas?

Q.2. Activity: Take a good quality rubber sucker. It looks like a small rubber cup. Press it hard on a smooth plane surface. Does it stick to the surface? Now try to pull it off the surface. Can you do it?

Perform this activity in guidance of your parents.

Q.3. Answer the following questions.

- a) Mother gives birth to a baby but the baby has the characters of both the parents. How is this possible?
- b) Imagine that an object is falling through a long straight glass tube held vertical; air has been removed completely from the tube. The object does not touch the walls of the tube. Will the object experience any force of friction?
- c) What will happen if lions are totally killed in a forest?
- d) We do not sense any pain when we clip our nails or cut our hair. Why?
- e) Why cannot we use water for the fire at petrol pump? What type of temporary arrangements are available there?

MATHEMATICS:

Q1: After Diwali, Neha requested her grandmother to knit a rectangular woollen scarf for her to be worn during winter season. She told her the area of scarf should be $x^2 - 16x - 105$ and its length should be $(x - 21)$.

- (i) What should be the width of the scarf?
- (ii) What will be the perimeter of the scarf?
- (iii) Which method of factorisation is used to simplify the area of scarf?
- (iv) What will be the length if area of rectangular scarf being $4p^2 - 20p + 25$ and width is equal to $(2p - 5)$?

Q2: A survey was made to find the favourite sport of students of age group 6-13 years. Following data shows the findings of the survey. If 300 students participated in the survey, then answer the following questions.

Favourite Sport

Cricket_____	40% students
Basketball_____	10% students
Volleyball_____	35% students
Hockey_____	15% students

- (i) Find the number of students who voted cricket as their favourite sport.
- (ii) What is the ratio the number of students who voted volleyball as their favourite sport to the number of students who voted hockey as their favourite sport?
- (iii) If the number of students who voted basketball as their favourite sport increases by 20%, then its number will be:
- (iv) The difference between the number of students who voted hockey as their favourite sport and who voted volleyball as their favourite sport is:
- (v) What is the number of students who did not vote for cricket and hockey as their favourite sport?

Q3: Refer school website for worksheet No. 15 and 16 and do these worksheets in your class work copy.

Q4: Revise syllabus of Periodic Assessment II.

Chapter 6: Factorisation of Algebraic Expressions.

Chapter 8: Percentage and Its Applications.

SOCIAL SCIENCE:

A) Prepare a project file on the topic "Disaster Management" .

The project should include following headings:

- 1) What is a Disaster?
- 2) Natural Disasters (any 4)
- 3) Man-Made disasters (any 2)
- 4) Disaster preparedness and management.

(Note :-

- * Use A4 size coloured sheets to prepare the project.
- * Add pictures wherever required.
- * The project should not exceed more than 10 pages.)

B) Revise the syllabus done till now.

ENGLISH:

Q1. You are Karan/ Kirti of L.M. Memorial Public School, Dwarka. Your school has adopted a village as a social responsibility. Students are being taken to teach the children of that village on a regular basis. Write a report, for your school magazine, on the various other programmes organized there in 120 – 150 words.

Q2. Parents today are facing a major problem with their children. They waste most of their time on Facebook and other social networking sites, with the result that their studies and other important activities are neglected. Write an article on this issue taking ideas from the hints given below.

Hints:

- Teenagers waste time.
- Parents' fear of the dangers involved.
- Pros include fast spread of information, source of news, solves crimes, helps students with academic work, improves relationships.
- Cons include spread of false information, students waste time, leads to stress, misunderstandings and arguments. Children develop self centered personalities. Leads to loneliness and depression.

Q 3. Do worksheet 13 and 14 in your English notebook.

Q 4. Revise and learn the P.A 02 syllabus .

HINDI:

1- व्याकरण पुस्तक की पृष्ठ संख्या 294-295 पर दिए गए विज्ञापनों में से कोई एक सुंदर विज्ञापन व्याकरण कॉपी में बनाइए।।

2- कक्षा कार्य याद कीजिए।

3- कार्य पत्रिका कीजिए।

प्रश्न 1. रिक्त स्थान भरिए-

(क) घंटी बजते ही----- को मैडम आ गई थी।

(ख) मुन्नू को घर जाकर बहुत अधिक----- करना पड़ता।

(ग) मुन्नू के पिता का नाम----- था।

(घ) कक्षा के अधिकांश बच्चे स्कूल के पीछे वाली----- से आते थे।

(ङ) रेखा कपूर स्थानीय स्कूल में----- टीचर थी।

(च) मुन्नू लाल----- होने की ठीक पहले लौटता था।

प्रश्न 2. 'हाँ' या 'नहीं' में उत्तर दीजिए-

(क) बच्चे एक दूसरे के प्रति बहुत वफादार थे।

(ख) रेखा को कई अच्छी नौकरियों के प्रस्ताव मिले थे।

(ग) मुन्नू का गुप्त स्थान एक मंदिर था।

(घ) गाँव में मुन्नू के सिर्फ मामा मामी रहते थे।

(ङ) सूखा पड़ जाने के कारण सारे पैसे खत्म हो गए थे।

(च) कक्षा में सभी बच्चों के चेहरे भावहीन थे।

प्रश्न 3. दिए गए शब्दों के अर्थ लिखिए-

(क) लालसा

(ख) स्थानीय

(ग) अपेक्षित

(घ) कड़ाई

प्रश्न 4. दिए गए प्रश्नों के उत्तर लिखिए-

(क) मुन्नू अपनी आँखें बंद करके किन दिनों को याद करने लगा ?

(ख) रेखा ने मामले को जानने के लिए क्या किया?

(ग) मुन्नू ने अपने बारे में रेखा अध्यापिका को क्या बताया?

(घ) रेखा की क्या बात सुनकर मुन्नू की आँखों में चमक आ गई थी?

प्रश्न 5. दिए गए शब्दों का प्रयोग कर वाक्य बनाइए- (क) मजदूर (ख) विश्वविद्यालय (ग) अजनबी (घ) सहमति

SANSKRIT:

प्रश्न 1 नदी , पितृ , मति , अस्मद् , किम् (तीनों लिंगों में) शब्द रूप लिखिए तथा याद कीजिए ।

प्रश्न- 2 नम् , स्मृ , पत् , अस् , रक्ष् धातु रूप (लट् , लृट् , लंग , लोट् , विधिलिङ्ग) पांचो लकार में लिखिए तथा याद कीजिए।

प्रश्न-3 51 - 100 तक संख्या लिखिए तथा याद कीजिए।

प्रश्न - 4 'विद्या' विषय पर पांच श्लोक लिखिए तथा याद कीजिए।

प्रश्न-5 अपठित गद्यांश 1 - 4 तक कीजिए।

प्रश्न-6 पाठ्य पुस्तक के पाठ 9 से 11 तक याद कीजिए।

नोट : 1. प्रश्न 1,2,3 तथा 4 उत्तर पुस्तिका (Notebook) में कीजिए ।

2. प्रश्न 5 व्याकरण पुस्तक में कीजिए।

ART/CRAFT:

Complete all your pending works in art book and file. Also finish your November syllabus!

COMPUTER:

1. Complete your work notebook work for chapter 6 and 7

2. Make a webpage using forms enquiring about the following details-

Name

Class

Gender

Father name

Mother name

Subjects

3. Also write your views about how AI is helping humanity in your notebook.

FRENCH:

INSTRUCTIONS

1. KINDLY,SOLVE ALL THE QUESTIONS IN YOUR NOTEBOOK.
2. REVISE ALL THE WORK DONE IN THE CLASS.

Q1. Conjuguez.

1. Finir
2. Venir
3. Pouvoir
4. Se Habiller
5. Descendre
6. Se coucher
7. Se promener
8. Se Taire
9. Se brosser
10. Se lever

Q2. Fill in the blanks with correct form of démonstratif adjectives.

1. _____ chemise
2. _____ cravate
3. _____ blouson
4. _____ pantalon
5. _____ jupe
6. _____ ceinture
7. _____ musicien
8. _____ boulanger
9. _____ boucher
10. _____ médeciN

Q3. Mettez les phrases suivantes au pluriel.

1. Il a mal au genou.
2. Mon fils es ten vacances
3. Il y a une petite souris la-bas.
4. Je mange un chou.
5. Le cheval est un animal fidèle.
6. J'ai un travail à faire.
7. Le prix estélevé.
8. Elle porte au bijou.
9. _____ un ami
10. _____ Une classé
11. _____ un bureau
12. _____ le crayon
13. _____ la pomme
14. _____ uneclasse
15. _____ une chaussure

16. _____ le dos
17. _____ unebouteille
18. _____ un manteau
19. _____ le crayon
20. _____ une table

Q4. Complétez avec l'adverbe de quantité (moins de/assez de/loin de/beaucoup/tant de/un peu de/plus de. Combien)

1. Elle est grosse, elle est mange _____
2. Il est _____ forte que son frère.
3. Le professeur dit, _____ étudiants sont absents?
4. Ma mère aime les fleurs _____ pour elle.
5. Nous ne voulons pas de tomates. Nous avons _____ dans le panier.

Q5. Écrivez l'heure en mots.

1. 02:30 pm
2. 08:45pm
3. 19:15 pm
4. 12 midnight

Q6. Retrouvez les phrases.

1. Livres/les/prends/étudiants/des/tu
2. Henri/père/à/telephone/son
3. Patience/la/avez/de/vous
4. 9h30/pas/tu/à/couches/ne/tu