

## Computer

Create a database on 'Employee Database' in OpenOffice.Base. Use the desired fields from pg-166 of your computer book. Save the table with a name 'Employee' and enter at least 10 records in it. Bring the printout of the same with your name, class and section mentioned.

## English

Note - Do the holiday homework in your English notebook.

Q1. Read the following novels and write the summary -

a) The diary of a young girl

Q2 Read the given lines and comment on Anne's growth and maturity from innocence to self awareness.

'You never realise how much you've changed until after it's happened. I've changed quite drastically, everything about me is different: my opinions, ideas, critical outlook. Inwardly, outwardly, nothing's the same. And I might safely add, since it's true, I've changed for the better.'

Q3. Give the meanings of the following idioms and use them to make sentences of your own.

black sheep, light at the end of the tunnel, up my sleeves, put up, straight from the horse's mouth, scrape the bottom of a barrel, cold fish, split hairs, spin a yarn, fling mud

Q4. . Create a short story in not more than 60 words based on the idiom 'Better safe than sorry'.

## Hindi

- 'वातावरण संबंधी' दिए गए विषयों में से किसी एक विषय से संबंधित जानकारी व अन्य महत्वपूर्ण जानकारियों को एकत्रित करके उसका कोलाज बनाएँ अथवा विज्ञापन तैयार करें अथवा मॉडल बनाएँ। दिया गया कार्य समूह विभाजन के अनुसार करें। समूह १ (अनुक्रमांक 1 - 13) "कबरा दान, करो कल्याण"

समूह २ (अनुक्रमांक 14 - 26) हम अपने विद्यालय को 'इको - स्कूल' बना सकते हैं। कैसे ?

- अध्याय 5 'एक और भूत' का पठन करें तथा स्वयं दस प्रश्न - उत्तरों की रचना करके लिखें।

## Punjabi

ਨੋਟ : - ਲਿਖਾਈ ਸ਼ੁੱਧ ਅਤੇ ਸੁੰਦਰ ਕਰਨ ਦਾ ਯਤਨ ਕਰੋ ।

1) ਰੁੱਖ ਲਾਓ ਸੁੱਖ ਪਾਓ ਨਾਹਰੇ ਦੀ ਤਰਜ ਤੇ ਰੁੱਖਾਂ ਦੀ ਸਾਂਭ ਸੰਭਾਲ ਦੀ ਪ੍ਰੇਰਣਾ ਵਾਸਤੇ ਰੁੱਖ ਲਾਉਣ ਬਾਰੇ ਸਕੂਲ ਦੇ ਨੋਟਿਸ ਬੋਰਡ ਲਈ ਪੰਜਾਬੀ ਵਿੱਚ ਇਕ ਨੋਟਿਸ ਤਿਆਰ ਕਰੋ । ਇਸ ਵਾਸਤੇ A4 ਸ਼ੀਟ ਦੀ ਵਰਤੋਂ ਕਰੋ ।

- 2) ਕੁਦਰਤੀ ਸੋਮੇ ਮਨੁੱਖਤਾ ਲਈ ਵਰਦਾਨ ਹਨ । ਇਸ ਸਤਰ ਨੂੰ ਸਿੱਧ ਕਰਦੇ ਹੋਏ ਤਸਵੀਰਾਂ ਸਹਿਤ ਪ੍ਰੋਜੈਕਟ ਤਿਆਰ ਕਰੋ
- 3) ਭਰੂਣ ਹੱਤਿਆ ਵਿਰੁੱਧ ਦੋ ਜਾਂ ਤਿੰਨ ਨੀਤੀ ਵਾਕ(Slogan) ਲਿਖੋ ।

## Science

### 1. WHEN I AM A TINKERER OF SCIENCE!

Design your own experiment and feel like a scientist: Design an experiment or prepare a working model and a chart by using simple things around you to explain laws, principles, phenomenon around us. You need to present it in the class after the school reopens. Do it as per your groups mentioned below:

- Group A: Roll no. 1-8 (Irrigation system)
- Group B: Roll no. 9-16 (Electricity)
- Group C: Roll no. 17-23 (Combustion)

Resources Required: Chart paper, all stationary items for making the chart and for model as per students choice of experiment.

### 2. This is to be done in scrap book

- a. Collect few natural fibres and synthetic fibres and compare their properties.
  - b. Visit max hospital and collect information about common disease caused by micro-organisms.
  - c. Draw a labeled diagram of nitrogen cycle.
  - d. State 5 uses of metals and 5 uses of non- metals.
3. Write the subsidies provided by government in agriculture and explain any three of them.

## Maths

1. The sum of three consecutive multiples of 4 is 444. Find these multiples.
2. The denominator of a rational number is greater than its numerator by 3. If the numerator is increased by 7 and the denominator is decreased by 1, the new number becomes  $\frac{3}{2}$ . Find the original number.
3. The sum of the digits of a two digit number is 7. If the number formed by reversing the digits is less than the original number by 27, find the original number.
4. Divide 28 into two parts in such a way that  $\frac{6}{5}$  of one part is equal to  $\frac{2}{3}$  of the other.

5. A total of \$10000 is distributed among 150 persons as gift. A gift is either of \$50 or \$100. Find the number of gifts of each type.
6. The sum of two numbers is 25. One of the numbers exceeds the other by 9. Find the numbers.
7. The difference between the two numbers is 48. The ratio of the two numbers is 7:3. What are the two numbers?
8. The length of a rectangle is twice its breadth. If the perimeter is 72 metre, find the length and breadth of the rectangle.
9. Aaron is 5 years younger than Ron. Four years later, Ron will be twice as old as Aaron. Find their present ages.
10. Robert's father is 4 times as old as Robert. After 5 years, father will be three times as old as Robert. Find their present ages.
11. There are two numbers such that sum of the numbers is 20 and their difference is 8. Find the difference of their squares.
12. What should be added to  $(-7/20)$  to get  $(-2/5)$ ?
13. The sum of two rational numbers is  $(-3/7)$ . If one of the number is  $(-5/8)$  find the other.
14. The sum of two rational numbers is  $(-5/8)$ . If one of the number is  $(-6/11)$ , find the other number.
15. To which number should  $(2/3)$  be added to give  $(-11/4)$ ?

## S. Science

OBJECTIVE: To raise awareness about the various disasters that keep on striking one part of the world or the other and cause huge loss of life and property. The students will learn several techniques to mitigate the effects of natural disasters.

TOPIC: Earthquake/landslides /floods/cyclones

- Prepare a project file on these disasters as per your group mentioned below.
- Group A-Roll no.1-6 (earthquake),
- Group B- Roll no. 7-12 (Landslides)
- Group A- Roll no. 13-18 (Floods)

- Group A Roll no.19-25 (Cyclones)
- Collect information on these disasters that have occurred in the last 5 years.
- Collect information and pictures from websites, newspapers and magazines about these.
- The project report should be handwritten.
- The project should have minimum 15 A4 size sheets.
- The project should cover the following areas:

#### INTRODUCTION:

- What is a Disaster? Explain with special reference to your topic.(landslide/Earthquake/Floods/Cyclones)
- Causes of the disaster.
- Various warning systems in the world.

#### SPECIFIC DETAILS ON:

- Name any two countries hit by Earthquake/landslide/ Floods/ Cyclones recently.
- Locate the place and the country, where they have occurred, on the world political map.
- Areas that were affected.
- Extent of loss of property and life.

#### CONCLUSION AND SUMMARY

- What measures were taken by the government to reduce the impact of the disaster?
- Mitigation measures taken after the disaster.
- Your suggestions on how we can bring awareness among the students.