

Subject: Science

Physics

- Q1.** A train is travelling at a speed of 90 km h⁻¹. Brakes are applied so as to produce a uniform acceleration of -0.5 m s^{-2} . Find how far the train will go before it is brought to rest.
- Q2.** A trolley, while going down an inclined plane, has an acceleration of 2 cm s^{-2} . What will be its velocity 3 s after the start?
- Q3.** A racing car has a uniform acceleration of 4 m s^{-2} . What distance will it cover in 10 s after start?
- Q4.** A stone is thrown in a vertically upward direction with a velocity of 5 m s^{-1} . If the acceleration of the stone during its motion is 10 m s^{-2} in the downward direction, what will be the height attained by the stone and how much time will it take to reach there?
- Q5.** An object is dropped from rest at a height of 150 m and simultaneously another object is dropped from rest at a height 100 m. What is the difference in their heights after 2 s if both the objects drop with same accelerations? How does the difference in heights vary with time?
- Q6.** An object starting from rest travels 20 m in first 2 s and 160 m in next 4 s. What will be the velocity after 7 s from the start?

Chemistry

- Learn extra questions/ answers chapter 2 which are done in class.
 - Complete NCERT questions of chapter 2 exercise on fair notebooks.
 - Write and learn all these questions on your fair notebooks. Without taking the help of your book after discussing with your friends or family members and also without using internet.
- Q1.** How can you change a saturated solution to an unsaturated solution without adding any more solvent to it?
- Q2.** What are the two components of a colloidal solution?
- Q3.** In what respect does a true solution differ from a colloidal solution?
- Q4.** Why is water called universal solvent?
- Q5.** Name two elements which exist in liquid state at room temperature.
- Q6.** Write any ten physical and ten chemical changes which occurs in your surroundings.

Biology

1. Do all the blue box questions and back exercise questions neatly in your fair notebooks.
2. Prepare the following charts:
 - Roll number 1 to 5 prokaryotic Cell.
 - Roll number 6 to 10 Parenchyma, Collenchyma and sclerenchyma
 - Roll number 11 to 15 plant cell
 - Roll number 16 to 20 animal cell
 - Roll number 21 to 25 cell division
 - Roll number 26 to 30 Various cells from human body
 - Roll number 31 to 35 Striated muscles unstriated muscles and cardiac muscles
 - Roll number 36 to 40 Nerve cell and meristematic tissue
 - Roll number 41 onwards fluid mosaic model of cell membrane

*Complete your practical files including physics practicals and biology practicals

Subject: Mathematics

- a) Exercise :1.1- Q2.,Q3.
- b) Exercise: 1.2- Q3.,Q4.
- c) Exercise: 1.3- Q1.,Q3., Q4.,Q7
- d) Exercise: 1.5- Q2.,Q4.,Q5.
- e) Exercise: 1.6- Q2.,Q3.
- f) Exercise:3.2- Q1.,Q2.
- g) Exercise: 3.3- Q1.
- h) Exercise: 4.1- Q2.
- i) Exercise: 4.2- Q2.,Q4.
- j) Exercise: 4.3- Q1.,Q4.,Q6.,Q8.
- k) Exercise: 4.4- Q2.

Subject: Social Studies

General Instructions:

- 1.The Project work can be handwritten or in digital form.
- 2.Handwritten work should be done on A4 assignment sheets.
- 3. Keep your work neat and clean

MAP SKILLS

1. Identify the following with the help of map reading.

- (i) The island groups of India lying in the Arabian Sea and the Bay of Bengal.
- (ii) The countries constituting the Indian subcontinent.
- (iii) The States through which the Tropic of Cancer passes.
- (iv) The northernmost latitude in degrees.
- (v) The southernmost latitude of the Indian mainland in degrees.
- (vi) The eastern and the western-most longitude in degrees.
- (vii) The place is situated on the three seas.
- (viii) The strait separating Sri Lanka from India.
- (ix) The Union Territories of India.

PROJECT/ACTIVITY

- (i) Write a project report on the Green Revolution in India.
- (ii) Collect information about reasons for Introducing Green Revolution
- (iii) Discuss the benefits and disadvantages of the Green Revolution to the farmers.
- (iv) Collect information about new challenges faced by the Indian farmers.
- (v) Why the farmers commit suicide.

QUESTION BANK

Write down the teacher notes in your fair Notebook.

Subject- English

Reading Passage

CA 1 and 2

HA 1 and 2

PA 1 and 2

CA 9 A and 9 B

Descriptive Paragraph

PA 14 HA 13

Diary Entry

CA 18 and CA 19

Short story CA 23

Grammar

CA 37 Set 1-6

Subject- Information Technology

1. Learn chapter 1(communication skills- I) and Chapter 2 (Self management skills-I).
2. Complete notebooks of chapter 1(communication skills- I) and Chapter 2 (Self management skills-I).

Notes will be provided into your class groups accordingly.

Activity: Prepare a chart over any one topic from the following:

- Communication cycle (ref. page 18 on IT book)
- Stress Casual Agents

विषय हिंदी।

- ग्रीष्मावकाश कार्य
- Activity- पाँच प्रकार का चित्र वर्णन करें।

(make Assignment)

1 संग्रह

2 अनुच्छेद

3 पत्र

नोट:- उपर्युक्त(1से 3) सभी विषयों पर दो दो बार लिखना है और एक अलग कॉपी पर संकलित करना है।

4.उपसर्ग और प्रत्यय(25-25) लिखें

Subject-Punjabi

Learn & write

ਲੇਖ-1.ਮਿੱਠੁਤ ਨੀਵੀਂ ਨਾਨਕਾ 2. ਮੇਰਾ ਮਨ ਪਸੰਦ ਅਧਿਆਪਕ

3. ਬੇਰੁਜ਼ਗਾਰੀ 4. ਕਿਸੇ ਇਤਿਹਾਸਿਕ ਸਥਾਨ ਦੀ ਯਾਤਰਾ

5. ਸੇ ਕਿਉਂ ਮੰਦਾ ਆਖੀਐ 6. ਨਾਨਕ ਦੁਖੀਆ ਸਭ ਸੰਸਾਰ

ਪੱਤਰ-1. ਆਪਣੇ ਪਿਤਾ ਜੀ ਨੂੰ ਚਿੱਠੀ ਲਿਖੋ ਜਿਸ ਵਿੱਚ ਇਹ ਦੱਸੋ ਕਿ ਦਸਵੀਂ ਪਾਸ ਕਰਨ ਉਪਰੰਤ ਤੁਸੀਂ ਕੀ ਕਰਨਾ ਚਾਹੁੰਦੇ ਹੋ।

2. ਤੁਹਾਡੇ ਪਿਤਾ ਜੀ ਵਿਦੇਸ਼ ਗਏ ਹੋਏ ਹਨ। ਤੁਹਾਡੀ ਮਾਤਾ ਜੀ ਦੀ ਸਿਹਤ ਖਰਾਬ ਹੋ ਗਈ ਹੈ। ਪਿਤਾ ਜੀ ਨੂੰ ਜਲਦੀ ਘਰ ਪਰਤਣ ਲਈ ਚਿੱਠੀ ਲਿਖੋ।

3. ਆਪਣੇ ਪਿਤਾ ਜੀ ਨੂੰ ਪੱਤਰ ਰਾਹੀਂ ਆਪਣਾ ਮਹੀਨੇ ਦਾ ਖਰਚਾ ਵਧਾਉਣ ਲਈ ਲਿਖੋ।

4. ਤੁਹਾਡੇ ਚਾਚਾ ਜੀ ਨੇ ਤੁਹਾਡੇ ਜਨਮ ਦਿਨ ਤੇ ਕੋਈ ਤੋਹਫਾ ਭੇਜਿਆ ਹੈ। ਚਿੱਠੀ ਲਿਖ ਕੇ ਚਾਚਾ ਜੀ ਦਾ ਧੰਨਵਾਦ ਕਰੋ।
5. ਆਪਣੀ ਸਹੇਲੀ ਨੂੰ ਚਿੱਠੀ ਰਾਹੀਂ ਇਤਿਹਾਸਕ ਸਥਾਨ ਦੀ ਯਾਤਰਾ ਬਾਰੇ ਲਿਖੋ, ਜੋ ਆਪ ਨੇ ਹੁਣੇ-ਹੁਣੇ ਕੀਤੀ ਹੈ।
6. ਆਪਣੇ ਮਿੱਤਰ ਜਾਂ ਸਹੇਲੀ ਨੂੰ ਚਿੱਠੀ ਲਿਖੋ ਜਿਸ ਵਿੱਚ ਉਸ ਦੀ ਭੈਣ ਦੇ ਹੋਣ ਵਾਲੇ ਵਿਆਹ ਵਿੱਚ ਬੇਲੋੜੇ ਖਰਚੇ ਨਾ ਕਰਨ ਦੀ ਗੁਜ਼ਾਰਿਸ਼ਕੀਤੀ ਜਾਵੇ।

Only for Learning

ਵਿਰੋਧੀ ਸ਼ਬਦ, ਲਿੰਗ ਬਦਲੇ, ਸ਼ਬਦ ਸੁੱਧੀ, ਮੁਹਾਵਰੇ ਓ ਅਤੇ ਅ ਅੱਖਰ ਵਾਲੇ।