

**HOME ASSIGNMENT**  
**JANUARY 12, 2025**  
**CLASS +1(SCIENCE)**

Class:11th

Sub: English Date: 12.01.2026

Grammar Practice

Questions for Practice

1. Put the verbs in bracket in the correct tense and rewrite the following:

India (have) many calendars which Indians (use) since very early times. More than thirty (be) still in use. One difficulty about having so many calendars (be) that the same date (fall) of different days according to each.

KEY:

i. has

ii. have been using

iii. are

iv. is

v. falls

2. Put the verbs in bracket in the correct tense and rewrite the following:

i. The efficiency of a truck \_\_\_\_\_ by the load it can take.

a. knows

b. is known

c. has been known

d. has known

ii. Last week every day my maid \_\_\_\_ a plate.

a. breaks

b. was broken

c. broke

d. has broken

iii. If I \_\_\_\_\_ one more question, I would have passed.

a. had answered

b. would answer

c. has answered

d. would have answered

iv. The minister promised \_\_\_\_\_ me a post in his department.

a. to have given

b. having given

c. have given

d. to give

v. Please don't \_\_\_\_\_ when you go out.

a. leave opening the door

b. leave the door open

c. leave the door opened

d. leave open the door

KEY: i. (b)

ii. (d)

iii. (a)

iv. (d)

v. (b)

3. The following passage has not been edited. There is an error in each line against

which a blank is given. Write the incorrect word and the correction in your answer sheet against the correct blank number as given in the example. Remember to underline the word that you have supplied.

Nothing, they say, was more constant than change. e.g. was – is  
Science, being a dynamic subject, was regularly witness (a) \_\_\_\_\_  
to changes, as old theories periodically gets discarded (b) \_\_\_\_\_  
and new ideas regularly pop up. We are living at very (c) \_\_\_\_\_  
interesting times. A scientific temper, having lain (d) \_\_\_\_\_  
quiescent for some years, is get charged with a slew of (e) \_\_\_\_\_  
new discoveries tumbling in of laboratories around the globe. (f) \_\_\_\_\_

Key:

- a. was – is
- b. gets – get
- c. at – in
- d. A - The
- e. get – getting
- f. in – out

4. Correct the following sentences using proper tense forms

- a. I am liking it very much.
- b. Madhu is always writing beautiful poems.
- c. If you will go to Ludhiana, buy a good shawl for me.
- d. Where you got this pen from?
- e. Rohit is working in this film for ten years.
- f. These students prepare for their exams these days.

Key:

- a. I like it very much
- b. Madhu writes beautiful poems
- c. If you go to Ludhiana, buy a good shawl for me.
- d. Where did you get this pen from?
- e. Rohit has been working in this firm for ten years.
- f. These students are preparing for their exams these days.

5. Rewrite the following sentences after making necessary correction of errors:

- a. The Aryans were brave peoples.
- b. The rider's hat was blown off by the strong wind.
- c. I am the one who am to blame.
- d. Five plus seven are twelve.
- e. He has won the tournament in 1986.
- f. Choose only such friends whom you can trust.
- g. The poor people of the village buy neither vegetables nor grow them.

Key:

- a. The Aryans were brave people.
- b. The rider's hat was blown off by a strong wind.
- c. I am the one who is to blame.
- d. Five plus seven is twelve.
- e. He won the tournament in 1986.
- f. Choose only such friends who you can trust.
- g. The poor people of the village neither buy vegetables

**Punjabi**

ਜਮਾਤ ਗਿਆਰਵੀਂ

ਲੇਖ ਰਚਨਾ :  
ਲੋਹੜੀ (250 ਸ਼ਬਦਾਂ ਵਿੱਚ ਆਪਣੀ ਪੱਕੀ ਕਾਪੀ ਤੇ ਲਿਖੋ)

Class 11th (PHYSICS ) Home Work 12 JAN 2026

Dear students please read carefully all the key details of chapter and at the end there is quiz related to topic . it is must to solve all quiz questions .

Motion in a Straight Line (Class 11 – Physics)

Motion is the change in position of an object with time. When an object moves along a straight path, its motion is called motion in a straight line or one-dimensional motion.

Position, Distance and Displacement

Position describes the location of an object with respect to a reference point.

Distance is the total path length covered (scalar quantity).

Displacement is the shortest straight-line distance from initial to final position with direction (vector quantity).

Speed and Velocity

Speed = Distance / Time (scalar).

Velocity = Displacement / Time (vector).

Average speed = Total distance / Total time.

Average velocity = Total displacement / Total time.

Acceleration

Acceleration is the rate of change of velocity with time.

It can be positive, negative (retardation), or zero.

Uniform acceleration: Acceleration remains constant.

Equations of Motion (Uniform Acceleration)

$$v=u+at$$

$$s=ut+\frac{1}{2}at^2$$

$$v^2=u^2+2as$$

Where

u= initial velocity,

v= final velocity,

a= acceleration,

t= time,

s= displacement.

Graphical Representation of Motion

Position–Time graph: Slope gives velocity.

Velocity–Time graph: Slope gives acceleration; area under the graph gives displacement.

Uniform and Non-uniform Motion

Uniform motion: Equal distances in equal intervals of time.

Non-uniform motion: Unequal distances in equal intervals of time.

Instructions

Students you have to use following link to start the quiz. After completion of quiz you will get the certificate of participation and grade marks .you have to save it for further assessment in future .

Link of quiz- <https://www.proprofs.com/quiz-school/ugc/story.php?title=ndu2ntu1nqh8gx>

**11th chemistry**

Instructions

1. Solve all the questions on sheets.
2. Write answers according to marks mention above the question .

#### Questions

1. Determine the empirical formula of an oxide of Iron which has 69.9 % iron and 30.1 % dioxygen by mass.(3)
2. Calculate the amount of carbon dioxide that could be produced when
  - (i) 1 mole of carbon is burnt in air.
  - (ii) 1 mole of carbon is burnt in 16 g of dioxygen.
  - (iii) 2 moles of carbon are burnt in 16 g of dioxygen.(3)
3. In three moles of ethane ( $C_2H_6$ ), calculate the following:
  - (i) Number of moles of carbon atoms
  - (ii) Number of moles of hydrogen atoms
  - (iii) Number of molecules of ethane(3)

#### Mathematics

Convert  $40^\circ 20'$  into radian measure.

Convert 6 radians into degree measure.

Find the radius of the circle in which a central angle of  $60^\circ$  intercepts an arc of length 37.4 cm

The minute hand of a watch is 1.5 cm long. How far does its tip move in 40 minutes?

If the arcs of the same lengths in two circles subtend angles  $65^\circ$  and  $110^\circ$  at the centre, find the ratio of their radii.

A wheel makes 360 revolutions in one minute. Through how many radians does it turn in one second?

Learn and practice.

Quiz <https://www.propofs.com/quiz-school/ugc/story.php?title=ndu2ntm3manmjd>

#### Biology

Dear Students

I am sharing previous year questions of chapter Chemical Coordination and Integration. Solve these questions in a fair note book.

[https://drive.google.com/file/d/1OE7PNxBmuj1uhOMi5e4DwsID2z243NZO/view?usp=drive\\_sdk](https://drive.google.com/file/d/1OE7PNxBmuj1uhOMi5e4DwsID2z243NZO/view?usp=drive_sdk)