

KENDRIYA VIDYALAYA PANISAGAR

SUMMER VACATION HOMEWORK (2023-24)

IX (MATHEMATICS)

1. Complete your notebook.
2. Write and learn all formulas of chapters – 1 and 2.
3. Write and learn tables from 8 to 20. (write in your Maths H.W notebook)
4. Prepare for test after vacation (1st and 2nd chapter).

Project work:

Make a working model on the Properties of a Parallelogram (Roll no 1 to 22)

Make a working model on Parts of a circle (Roll No 23 onwards)

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KENDRIYA VIDYALAYA
PANISAGAR
SESSION - 2023 - 2024
HOLIDAY HOMEWORK

CLASS - IX (BIOLOGY)

- Q-1. Write a note on "FUNDAMENTAL UNIT OF LIFE"
- Q-2. Describe the fluid mosaic model of plasma membrane.
- Q-3. Differentiate between -
- (a) Plant cell and Animal cell
 - (b) Prokaryotic cell and Eukaryotic cell.
- Q-4. Project on -
- (a) Plant Tissue
 - (b) Animal Tissue.

Reema Koiri

Signature of
Subject Teacher

KENDRIYA VIDYALAYA PANISAGAR

SUMMER VACATION HOME WORK -2023-24

CLASS-IX SUBJECT: - CHEMISTRY (SCIENCE)

Write 10 extra multiple choice /short answer type questions from chapter 1ST

1. Learn chapter 1ST

3 Complete your notes and exercises solution for chapter 1st .

KENDRIYA VIDYALAYA PANISAGAR

2023-24

Summer Vacation Activities
Physical and Health Education

Class-9

Activity-1

Make a chart or model on anyone of the following topic of your choice.

- a) Indian/International Sports Personality
- b) Dimensions of a sport court/field
- c) Indian Olympic Winners
- d) List of all the sports conducted at Summer Olympics.
- e) Indian Paralympic Winners of 2020 Tokyo Games

Activity-2

Learn and Draw/Write these Cricket Dimensions in your copy. Learn the different signs used by umpires in Cricket.

Number of Players in a team	11 (Playing) + 05 (Extras) = 16
Number of Officials	03 Umpires, 01 Match Referee, 02 Scorers
Length of the Bat	38 inches (965 mm)
Width of the Bat	4.25 inches (108 mm)
Weight of a Cricket Ball	155.9 gms – 163 gms
Circumference of a Ball	22.4 cm – 22.9 cm
Colour of a Ball	Red (Day Matches and Test Matches) White (Day Night Matches)
Length of the Pitch	22 yds or 20.12 mts or 66 feet
Width of the Pitch	3.05 mts or 10 Feet
Height of the Stumps	28 inches (With Bails 28.5 inches)
Width of the Stumps	9 inches (22.9 cm)

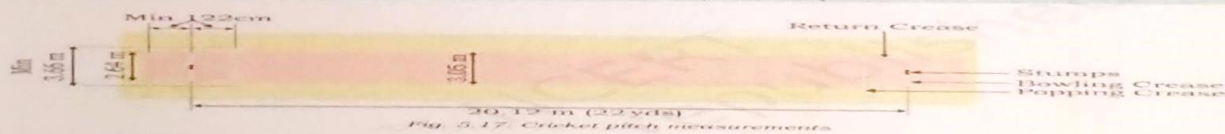


Fig. 5.18. (a) No ball
(b) Wide ball

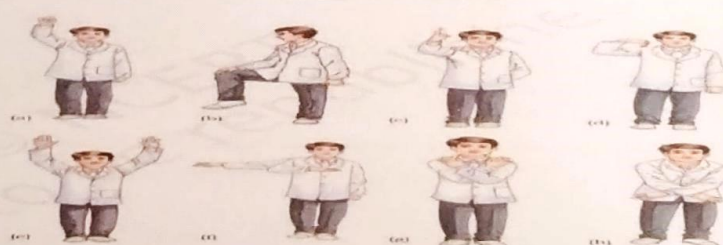


Fig. 5.19. (a) Bye (b) Leg bye (c) Out (d) Short run (e) Six
(f) Four (g) Decision changes (h) Dead ball

Note:

1. Date of Submission of your work is 20.6.2023

Suz
Mrs. Meenakshi Saini
TGT(P&HE)
K.V.Panisagar

AM
Dr. Sagir Ahamad
Principal I/C
K.V.Panisagar

केंद्रीय विद्यालय पानीसागर

कक्षा - 9

विषय - हिंदी

ग्रीष्मकालीन गृहकार्य

प्रश्न 1. किन्हीं 10 उपसर्गों को लिखकर उनसे एक - एक शब्द बनाइए।

प्रश्न 2. विद्यालय के पुस्तकालय में हिंदी की पत्रिकाओं की कमी दूर करने की प्रार्थना करते हुए प्रधानाचार्य को प्रार्थना पत्र लिखिए।

प्रश्न 3. दो बैलों की कथा पाठ का सारांश लिखिए।

KENDRIYA VIDYALAYA PANISAGAR

SUMMER VACATION HOME WORK -2023-24

CLASS-IX SUBJECT: - COMPUTER SCIENCE

- 1) What is Web Hosting?
- 2) Write 2 characteristics of WI-Fi.
- 3) Write 2 differences between RAM and ROM?
- 4) Difference between System software and application software.

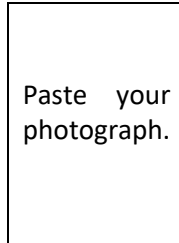
KENDRIYA VIDYALAYA PANISAGAR

HOLIDAY HOMEWORK

CLASS-IX

ENGLISH

(Instructions: All the students are to use A4 Sheets for writing the answers.)



MY PROFILE

Name:

Class:

Roll No:

Father's Name:

Mother's Name:

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Contact:

Blood Group:.....

MY STRENGTH:

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.I AM GOOD AT

MY HOBBIES

MY LIMITATIONS

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I WANT TO LEARN

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I WANT TO BE

What do I think about the subject English?

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What is your vision for the future?

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Q.1. Read the following passage and answer the questions that follow:

We often come across situations and incidents, which appear quite contradictory to the known laws of Nature, creating doubts about the impartiality of divine justice. For instance an honest, duty-conscious, morally elevated person is often seen caught in adversities in one form or the other, or is suddenly struck with a great misfortune in life as though he/she were being punished by God for a great sin. On the other hand, we find persons engaged in worst types of corrupt practices living in peace and prosperity. An idler wins a jackpot or inherits a fortune from unexpected quarters, whereas a hard working intelligent person is found suffering endlessly for want of basic necessities. One person achieves great success with little effort, whereas another does not succeed in spite of his best efforts. Such phenomena are popularly ascribed to the role of fate. Unprecedented natural calamities like famine, epidemics, tornadoes and floods, damage by lightning and earthquakes and untimely death are also commonly attributed to the will of God and called predestined. Such unexpected happenings as financial loss, accidents, sudden mental/ physical disability and physical separation from a dear one are also attributed to fate. Such unexpected adversities are rare, but they do occur in life. At times, they leave such deep imprints on the psyche, that it is not possible to ignore them. Those who are not familiar with the mysteries of divine justice become very much perplexed by such experiences and form prejudiced opinions, which, in some form or the other, hinder their mental and spiritual progress. Many become resentful towards God, blame and abuse Him for favouritism and injustice. A few even become atheists, considering the futility of worshipping God who does not respond to prayer in distress, despite their prolonged adherence to religiosity. Then there is a class of devotees who serve the saints and worship deities in expectation of some material gains. However, if they are visited with some failure, unfavourable circumstances, or mishap coincidentally, their adoration changes to contempt of disbelief. There are quite a few believers in this world who correlate people, places and things with good and bad luck. Such superstitions have caused extreme miseries to innocent persons. The root cause for such irrational behaviour is the belief that whatever come to pass is predestined by God and the beings created by Him have absolutely no role in shaping their own destiny. Quite a few persons in this world forsake their responsibility in the mistaken belief that the gain and loss being predestined, there is no necessity of personal effort.

Questions:

- (a) What is a mistaken belief ?
- (b) When do we doubt about the impartiality of divine justice ?
- (c) Give an example of phenomena ascribed to the role of fate.

(d) How is an intelligent person sometimes seen living ?

(e) Name a few natural calamities.

(f) In which category is financial loss put ?

Find out words from the passage which mean :

(g) to say something was written by or belonged to somebody.

(h) to make it more difficult for somebody to do.

(i) confused.

Q.2. Read the following passage and answer the questions that follow :

Vitamin C is an essential ingredient for human beings. It is required for the synthesis of intercellular cement "collagen", which is responsible for keeping various cells of the human body together. As an oxidant, it acts like a cop in the body, apprehending the rowdy molecules called free radicals that are naturally formed during various chemical reactions in the body and have the potential to damage. Vitamin C is also required for dentine formation in the teeth and it also aids in the absorption of iron from the body.

Rats have the capacity to synthesise vitamin C with their body whereas human beings are required to provide it through diet. The richest source of vitamin C is amla . The other sources are lemon, orange, papaya, pineapple, cabbage, cauliflower, green peas and tomato. While cooking above 70 degree centigrade vitamin C gets destroyed.

Scurvy is a disease caused by the deficiency of this vitamin. Due to its deficiency, gums are swollen or bleeding, bones are weak and readily fractured, delayed wound healing and poor teeth formation in children result. A balanced diet with vitamin C is the requirement to avoid scurvy. For pregnant or lactating mothers vitamin C is the remedy.

Each adult is required to consume 75 mg per day; an infant 30 mg per day; a pregnant woman 100 mg per day; a lactating mother 150 mg per day. Doctors use vitamin C for the treatment of infections, healing of ulcers, burns and trauma, quick healing of fractures, etc.

However, taking vitamin C tablets on a long-term basis is not without side-effects, like the reformation of oxalates, kidney stones, diarrhoea, abnormal heart rhythm, damage to the outer layer of teeth and rebound scurvy if tablets are stopped abruptly.

Amla with honey is a supertonic, particularly when treated with solar rays since honey is an ingredient that provides instant energy without consuming insulin for its absorption in the body. A newly born child in India is first provided with honey to purify his/her internal system since it acts as antibiotic and also without side-effects.

Most of us are not aware that during World War II a lot of food material was sent to the British army fighting for and on behalf of the British Government in different parts of the world. In this food material amla was one of the main ingredients to protect fighting forces from scurvy disease since during day-time they had to live in bunkers and during night-time they had to fight. Therefore, they were generally deprived of sunlight which is a major source of vitamins for human body.

Therefore, vitamin C in the form of amla is the best for human health.

Questions:

- (a) Why is vitamin C important for us ?
- (b) What are the sources of vitamin C ?
- (c) What is the cause of the disease scurvy ?
- (d) How can the disease scurvy be prevented ?
- (e) What are the side effects of taking vitamin C tablets on long term basis ?
- (f) Why was Amla one of the main food ingredients for army people during world war II ?

Choose from the passage the words that mean.....

- (g) a situation when there is not enough of the people or things that are needed
- (h) suddenly

Q.3. Fill in the blanks with the appropriate form of modals:

1. Rachel _____ have brought the bicycle, but she didn't have enough money. (could/should)
2. This is a hospital, and you _____ not talk loudly here. (must/could)
3. Uma _____ apply for the job she got in London. (might/would)
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10. _____ you like some sweets that I made yesterday? (would/can)

Q.4. Identify the errors and change them:

Read the following sentences below and make changes wherever necessary.

There was a hermit who live in a cave far away from the village. He was known to has magical healing powers. So whenever anyone fall sick, the hermit used to treat them with his medicine. People form far and wide came to met him. The hermit also was consider to be wise. Peoples in the village went to him to ask for advice in various matters and always come back satisfied.

Q.5. Make Mind Map of the following chapter: (This will include Author's Name, Theme/Gist, Values, Characters, Series of Events)

- a) THE FUN THEY HAD
- b) THE LOST CHILD

NOTE: Read the Stories from supplementary book (Moments) and underline as well as write the meaning of difficult words in the book itself.

Q.6. Art Integrated Project (About Madhya Pradesh): Madhya Pradesh introduction, Music(Folk Dance, Musical Instruments), Language & Literature, Crops & Cuisine (mainly about millets), People, Religion, Art and Craft, Tourist Places. # Should include pictures. (Minimum 6 page)

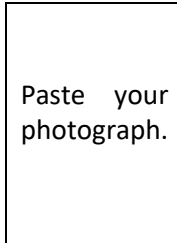
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**KENDRIYA VIDYALAYA PANISAGAR
SUMMER VACATION HOMEWORK
CLASS-IX, SUBJECT: - SOCIAL**

- (1) The central location of India at the head of the Indian Ocean is considered of great significance. Why?
- (2) What are non-farming activities of village Palampur?
- (3) What are factors of production?
- (4) What were the reasons of French Revolution?
- (5) Why time is measured from $82\frac{1}{2}^{\circ}$ longitude in India?
- (6) What is tithe and taille?

PROJECT WORK

- (1) Make scrapbook/project/wall magazine on “Historical events of freedom movement of India from 1857 to 1947”
- OR
- (2) Make scrapbook/project/wall magazine on “cultures and festivals” of madhya pradesh.