BAL BHARTI INTERNTIONAL SCHOOL, SUJANGARH

Class IX (Holiday Homework)

ENGLISH

1. Revise all the chapters completed till June.
2. Complete the Grammar Worksheet and the Literature Assignment given below.

Q1. **Write a descriptive paragraph in about 100-150 words on <u>any two</u> of the following topics given below:**
    a) Prime Minister b) Schools of Future c) Shehnai d) Your City

Q2. **Write a diary entry in about 100-150 words on <u>any two</u> of the following topics:**
    a) It's the best day of your life. You have scored a whopping 99.4% marks in your Board Examinations, but all your friends have gone their ways and forgotten to congratulate you on your success. You have mixed feelings about the day and decide to pen down your feelings.
    b) Has your life been different from or similar to that of Kezia when you were a child? Pen down your feelings regarding an incident that you remember from your childhood vis-à-vis your parents behaviour.
    c) Today your school took you to an old-age home in the city. You met and talked to a few senior citizens who expressed their sorrows and disappointments in life. Your heart is heavy and you feel that old people should be living with their families. Express your feelings in a diary entry.

Q3. **Write an article in about 100 - 150 words on <u>any two</u> of the following topics for the school magazine**
    a) Importance of Good Health for your school magazine
    b) Problems and stress faced by the Teenagers
    c) Intelligent use of internet can prove to be Blessing for Students

Q4. **Write a story with a title and a moral in about 100 - 150 words based on clues given below. You can choose <u>any one</u>.**
    a) Ram lost one leg due to polio. He had a brilliant mind. He wanted to attend a school. Luckily one day........
    b) You were playing cricket in a park. Suddenly you saw an old man, just collapsing on the pavement. You all rushed to him........
    c) Rohit was going for his tuition class. Suddenly everything started shaking. People rushed out of their houses and buildings started collapsing. There was a loud noise and cries were coming from everywhere. He knew it was a devastating earthquake. And then he saw..............

Integrated Grammar Worksheet

Q1. The following passage has not been edited. There is one error in each line. Identify the error and write it along with the correction. The first one has been done for you as an example.

	Error	Correction
During a summer holidays I accompanied my	a	the
friend from his village. It was a small place consisting (a)		
of about 200 houses. The villagers are simple people (b)		
and very hospitable. The natural scenery or fresh (c)		
air were very soothing. I stayed here for three days (d)		
and enjoyed myself in the lap of nature.		

Q2. Complete the passage given below by choosing the correct alternatives from the ones that follow:
As a small boy, I used to play cricket with my mother. She used to bowl (a) …………….. me in a small room in our house. There was (b) …………. space so she would kneel and throw the ball gently to (c) ……………. Once I hit hard and hit her (d) ………….. the nose. It started bleeding and I was frightened.

(a)	i) for	ii) at	iii) over	iv) to
(b)	i) few	ii) little	iii) hardly	iv) any
(c)	i) her	ii) me	iii) us	iv) them
(d)	i) in	ii) for	iii) on	iv) into

Q3. Rearrange the following words or phrases to form meaningful sentences. The first one has been done for you.

(a) railway station / my parents / one evening / along with / to the / I went

(b) crowd at / counter / there was / the ticket / a huge

(c) their voices / at the / the hawkers / top of / were shouting

(d) arrived / started / compartment / the passengers / from one / running / to another / the train / and

HINDI

प्रश्न–1 निम्न विषयों पर निबन्ध लिखिए (200 शब्द) :–

1. आपातकाल की स्थिति एवं स्वविवेक
2. प्रकृति का मानव जीवन पर प्रभाव
3. कवि कबीर– मानवता के समर्थक
4. मनुष्यों के समाज के प्रति उत्तरदायीत्व

प्रश्न–2 स्वयं को छात्रावास का विद्यार्थी मानते हुए अपने पिताजी को एक पत्र लिखिए जिसमें अपनी दिनचर्या का उल्लेख कीजिए।

प्रश्न–3 प्रेमचन्द द्वारा लिखित कहानी 'दो बैलों की कथा का सार लिखिए।

SCIENCE
PHYSICS

Very Short Answer Type Question: -

1. Change the speed of 8 m/s into km/h.
2. Give two examples of bodies having non-uniform motion.
3. Which physical quantity corresponds to the rate of change of momentum?
4. State the relation between the momentum of a body and the force acting on it

Long Answer Type Question:-

1. Derive the relation Graphically for:-
   (a) First equation of motion
   (b) Second equation of motion
   (c) Third equation of motion

2. A car A of mass 1500 kg, travelling at 25 m/s collides with another car B of mass 1000 kg travelling at 15 m/s in the same direction. After collision the velocity of car A becomes 20 m/s. Calculate the velocity of car B after collision.

General Information Based Question:-

1. Write detail about any activity (not example) to show that "Force required to change the position of an object" with proper labelled diagram.

<div align="center">or</div>

Write 100 words about your favourite Invention.

<div align="center">or</div>

Write 100 words about your favourite Scientist's invention with name.

BIOLOGY

1. Draw a labelled diagram and write important functions of following cell organelles:
   a. Nucleus   b. Mitochondria   c. Golgi bodies   d. Plastids   c. Endoplasmic reticulum.
2. Classify plant tissues schematically into different types.
3. Bring raisins and twoglasses half filled withwater. Label glasses Aand B. Put salt in glass labelled Aand put some raisins in it. Similarly put some raisins in glass B containing pure water. Keep these glasses undisturbed for an hour. Observe the changes and mention on your note book.

SOCIAL SCIENCE (SST)
HISTORY

Q.1. Suppose you are Tsar Nicholas II. What steps or measures would you have taken to win the trust of industrial workers, poor peasants and poor people of Russia?

Or

Q.2. Suppose you are Louis XV what steps or measures would you take to prove social? Political and economic equality to third estate people. And also how you would improve the life of women and slaves.

GEOGRAPHY

Q.1 Imagine that all the plants and animals have become extinct from the earth's surface. Write an essay (250 words) with your imagination, about how human beings will be able to survive on earth in such a condition.

Q.2 Write an essay (250 words) about how population puts pressure on natural resources.

Q.3 Distinguish between population growth and population change.

ECONOMICS

Q.1. Write a short note on "People as a Resource".

Q.2. Describe various types of unemployment with appropriate examples.

Q.3. Discuss with your elders about the miserable condition of farmers in India. Write down the reasons, and possible measures to be taken by the government to improve their status.

CIVICS

Q.1. Write a short note on corona virus pandemic to prevent from spreading. Also different corona virus Warriors difficulties in dealing with infected persons and also how to change attitude of some sections of society which are creating hatred for these Warriors.

Or

Q.2. Do you think "Democracy" in India is a big obstacle in making India a developed country? You can write on this statement think and write valid points with proper reasons.

MATHS

Q.1 Simplify the equation. $(\sqrt{5}-\sqrt{2})(\sqrt{5}+\sqrt{2})$

Q.2 Identify whether $\sqrt{45}$ is rational number or irrational number.

Q.3 Write the decimal form of 36/1000.

Q.4 Represent $\sqrt{5}$ in a number line.

Q.5 If $p(x) = x+3$, then find the value of $p(x) + p(-x)$

Q.6 Find the remainder when $(x+1)$ is divided by x^3+x^2+x+1

Q.7 Write the coefficient of x in $(x+3)^3$

Q.8 Find the factor of x^2-9.

Q.9 If $p(x)=(x-1)(x+1)$, then find the value of $p(2)+p(1)-p(0)$?

Q.10 Check whether $(7+3x)$ is a factor of $3x^3+7x$.