NOTE:- These assignments are to be done in separate answer sheets and submitted to the subject teachers on the first day when the school reopens.

ENGLISH LANGUAGE

Q.1 Read the following opening lines and use the given clues to write an interesting story.

'She felt dizzy, could not see things around and was about to collapse ....'
Outlines – a poor little girl – a balloon – seller hungry and tired – often seen at the crossings – lived in a night shelter – parents killed in an accident long back – New year celebrations going on in clubs, hotels, restaurants – she heard the shouts of the revellers, the music being played – barely got any food since morning – had to sell at least a few balloons to buy food – finally collapsed on the pavement – an old couple returning from a party stopped – took her home – in the morning woke up to find herself in a big house among caring old people of an Old Age Home – showered love, care on her – she became their adorable child – they had received their New Year gift while she had got hers.

Q.2 Write a letter to your Principal requesting him or her to spare you from attending the games period for a week since you have a leg injury.

Q.3 You have volunteered to participate in the 'Safety Week' being organised by the Allahabad Traffic Police. Make a poster on the theme 'Follow Traffic Rules – Be Safe' Frame an appropriate slogan, and plan a clear lay out with attractive visuals. You may focus on a few important traffic rules. You may design a new logo for the issuing authority.

Q.4 Read the comprehension passage given below and answer the questions that follow -
Lalmohan Babu – alias Jataya – arrived one day clutching a box of sweets. That surprised me, since all he ever carried when he came to our house was an umbrella. Whenever he published a new book, he would carry it as a parcel – but that happened twice a year, and no more. That day, What he held in his hand was a box from a new sweet shop in Mirzapur street, called Kallol. It was a white cardboard box tied with a golden ribbon, priced at Rs. 25. On two sides of the box, Printed in blue, were the words " Kallol's Five – mix Sweet-meats." Inside, I knew there were five compartments, each holding a different kind of sweet. In its centre was Kallol's own special creation – 'the diamonda'. It was a sandesh filled with syrup, shaped like a diamond and covered with silver foil.
Why was Lalmohan Babu carrying such a box? And why was there such a triumphant smile on his face?
Feluda spoke, "Good news from Bombay, I take it?"
Taken aback, Lalmohan Babu said, "How did you guess?"
"The siren for 9 o'clock rang an hour ago. Yet your watch is showing 3:15. Did you forget to wind it or you were so exited when you wore it this morning you didn't even glance at it?" "This morning my servant woke me with a telegram. Here it is, producer willing offer for bandits please cable consent," he read, I sent my reply, "Happily selling bandits for ten blessings."

1. Why were Lalmohan Babu's friends surprised to see him that day?
2. How could Faluda guess he had heard some good news.
3. What did the narrator know about the box?
4. Give some synonyms for 'taken back' 'clutching'.
5. Pick out any two verbs from the above passage.

ENGLISH LITERATURE

Q.1 a) Using dictionary find out two different meanings of the following words:-
  i) pound ii) squash
  iii) bank iv) magazine
  v) pupil vi) tuck
  vii) peer viii) cataract
  ix) mass x) hail

  b) Pick any **5** words from the above given words and make sentences using them.

Q.2 Write the summary of the story 'Bravo Manju !'

Q.3 Read the sentences and answer the following questions :-
  "well, old, pet, and how is your little Darkie?"
  1. Who said these words ?
  2. Who is the 'Old Pet' ? Describre the relation between the 'Old Pet' and the speaker.
  3. Who is little Darkie ? Describe him.

MATHEMATICS

1. Estimate the answer of the following:-
   a) What number is **50%** of **30?**
   b) **12** is what percentage of **30?**
2. Express as rupees using decimals:
   a) **7** paise
   b) **5** rupees **5** paise
3. Which is greater 3^5 or 5^3**?**
4. Suman studies $5\ ^2/_3$ hours a day. If she devotes $2\ ^4/_6$ hours for Science and Mathematics, how many hours does she devote for other subjects**?**
5. How many equal pieces, each of length **7.2cm** be cut from a rope of length **122.4cm?**
6. Fill in with missing operators:- (**+,** -**,** x **,** ÷)
   5 ☐ 6 ☐ 3 ☐ 2 **= 8**

7. If U = {a, b, c, ..., y, z }, A = {a, e, i, o, u }, B = {b, c, d, f, ...y, z}, C = {a, b, c, d, e, f, g, h } then find
   (A – B) (ii) B – C (iii) A' (iv) B' (v) (A∩B)'

   (vi) (A – B) ∩ (B⁻– C) (vii) (B ∪ C)'

PHYSICS

Q.1 Explain under what factors does the density of a substance depend. Does the density of a same substance vary even if the mass remains constant under different conditions. If yes, then verify your answer using different examples.

Q.2 From your surrounding take any five objects which undergo combination motion and also discuss about those motions which are combined together.

Q.3 Differentiate the given quantities into Scalar and Vector Quantities and represent it in tabular form. Mass, power, magnetic field, density, momentum, volume and weight.

Q.4 A man runs around a circular park and completes two rounds in **100** seconds. If the diameter of park is **24m** then find the
  i) Total distance covered

ii) Total displacement covered
iii) The speed of the person
iv) The velocity of the person

Q.5 Write any five standard units and then find at least two multiples and two submultiples for each of them.

CHEMISTRY

Q.1 Make a list of five metals and their uses in your daily life.

Q.2 Draw the structure of an atom. Prepare a table comparing their charges, masses and location.

Q.3 Show the formation of the following chemical compounds :-
a) Potassium Iodide
b) Magnesium hydroxide
c) Aluminium Sulphate
d) Sodium Carbonate
e) Lead Oxide

Q.4 Give one word for the following:-
a) Element having Valency three.
b) A polyatomic molecule that has four atoms in it.
c) Combining capacity of an element.
d) An element which has valency Zero.
e) A metalloid.

BIOLOGY

Q.1 Write down the differences between a plant cell and an animal cell.

S.No.	Characteristics	Plant cell	Animal cell
1	Cell wall		
2	Plastids		
3	Centrosome		
4	Vacuole		
5	Lysosomes		

Q.2 Nucleus is the most important part of a cell. Explain this statement and draw a well labelled diagram of a nucleus.

Q.3 Make a pictorial chart showing the lower level of organisation.

Q.4 Give scientific terms for the following.
(i) Jelly- like substance inside the cell.
(ii) The cell membrane bounding all living cells.
(iii) All individuals of a particular species living in a given area.
(iv) The rock and crust surface that covers the surface of earth.
(v) Small, thread like structure in the nucleus that carries genetic material.

Q.5 For a detailed study of cells, an electron microscope is used. Find out the following information about an electron microscope.
(i) When was it developed ?
(ii) Does it use light ? If no, then what does it use instead of light?
(iii) What is it's magnification ?

HISTORY & CIVICS

Q.1 Study the picture carefully and answer the questions that follows :-

1. Identify the picture.
2. Where is it located?
3. Name the religion of the people who go to pray there?
4. Mention any two principles of this religion.

Q.2 Define the following :-

i) Resurrected	ii) The Pope
iii) Nunneries	iv) House of wisdom
v) Renaissance	vi) Crucifixion
vii) Caliph	viii) Hijri
ix) Monks	x) Abbey

Q.3 Mahatma Gandhi was influenced by Christian doctrines. Collect information on Gandhi's philosophy. Write a short essay on Gandhiji's moral values and the code of conduct he wanted Indians to follow.

Q.4 On a outline map of the world, show the routes taken by the Crusaders of the Third Crusade.

GEOGRAPHY

Q.1 The association of Europeon Nations is a globalist organisation that consists of many countries in Europe. On the political map of Europe, mark the countries and their capitals which are members of European Union.

Q.2 Draw the figures of the following weather instrument :
a) Raingauge	b) Anemometer
c) Wet and Dry Bulb Thermometer	d) Wind Vane

Q.3 Switzerland is truly a paradise on Earth for the tourists from all over the world. Collect pictures of five tourists attractions in Switzerland and write about them in brief. Write three factors for the development of tourism in Switzerland.

COMPUTER SCIENCE

Q.1 Write the full form of following :-
MICR, ASCII, CPU, EBCDIC, RAM, ROM, LCD, ALU

Q.2 Explain any three Input Devices with diagram.

Q.3 Write the shortcut key combination of the following :-
To Copy
To Cut
To Paste
To Select All

Q.4   Draw a data hierarchy chart and define its components.

HINDI

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