



SARALA BIRLA PUBLIC SCHOOL

Mahilong, Ranchi

Revision Assignment (2018-19)

Class : IX

English

1. It was raining heavily, the street lights had gone off and I was returning..... Complete the story in about 100 words, providing an appropriate title to it.
2. While going home you came across many children on the roads at crossroads with begging bowls in their hands. You are shocked and disgusted at this picture. Record your experience in your diary.
3. In the following passage one word has been omitted in each line. Write the missing word along with the words that come before and after it.

We get all kinds information via magazines	-----	-----	-----
And newspaper. We come to know various anti-	-----	-----	-----
Social happenings the print media and	-----	-----	-----
Are able keep ourselves alert. We also read	-----	-----	-----
About the rise fall of certain politicians	-----	-----	-----
Cricket matches, the state stock exchange	-----	-----	-----
And various kinds jobs available. The amount	-----	-----	-----
of information that we can gather a newspaper	-----	-----	-----
Is enormous. Read the whole newspaper completely	-----	-----	-----
Would take hours.	-----	-----	-----

4. Rearrange the following jumbled words/phrases to make meaningful sentences:

- (a) for many/on/relied/dogs/people have/generations
- (b) companionship/used/they/for hunting/have been/and
- (c) very/a dog's/are/and ears/sensitive/nose

5. Reference to the context-

He was so big – his hands and his neck, especially his mouth when he yawned. Thinking about him alone was like thinking about a giant.

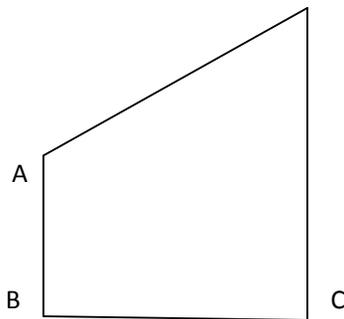
- (a) Who is 'he' in the above extract?.
- (b) Why does the speaker find him so big?
- (c) Why does the speaker think of him as a giant?
- (d) When did his mouth especially appear big?

6. Answer the following questions:-

- (a) What does the poet wish for the snake?
- (b) In what way is Iswaran an asset to Mahendra?
- (c) What are the two strange things the guru and his disciple find in the Kingdom of Fools?
- (d) What did Einstein call his desk drawer at the patent office? Why?
- (e) What does the poet like to do when it rains?
- (f) What is the moral of the story The Happy Prince?

Mathematics

1. Find the zero of $p(x) = 3x + 7$.
2. In a triangle PQR, $PQ = 3.5\text{cm}$, $QR = 4\text{cm}$, $PR = 7\text{cm}$. Find the larger angle.
3. Find the value of k , such that $(x - 1)$ is a factor of $5x^3 + 4x^2 - 6x + 2k$.
4. State Euclid's fifth postulate.
5. Represent $\sqrt{5.7}$ on the number line.
6. AD is altitude of an isosceles triangle in which $AB = AC$. Show that
 - a. AD bisects BC.
 - b. AD bisects angle A.
7. Factorise
 - a. $8x^3 - (2x - y)^3$
 - b. $a^3 - 8b^3 - 64c^3 - 24abc$
8. Rationalise the denominator $\frac{3-2\sqrt{2}}{3+2\sqrt{2}}$.
9. In figure, AB and CD are respectively the smallest and the longest side of quadrilateral ABCD. Show that $\angle A > \angle C$ and $\angle B > \angle D$.



10. Sanya has a piece of land which is in the shape of rhombus. She wants her one daughter and one son to work on the land and produce different crops. She divided the land in two equal parts. If the perimeter of the land is 400m and one of the diagonals is 160m, how much area each of them will get for their crops.

SCIENCE

Physics

1. Derive the equation of motion a) $v = u + at$ b) $s = ut + \frac{1}{2}at^2$ graphically
2. A bullet of mass 100 gm is moving with a velocity of 50ms^{-1} , strikes a wooden plank. The bullet strikes the wooden plank and gets embedded inside it. If the bullet travels a distance of 1 m before coming to rest. Find the acceleration produced in the bullet and the resistive force offered to the bullet by the plank.
3. State law of conservation of momentum. If a gun of mass 10 kg fires a bullet of mass 10 gm with a velocity of 100ms^{-1} , find the recoil velocity of gun.

Chemistry

1. Convert the following temperature into Celsius scale.
2. Why is ice at 273K more effective in cooling than water at the same temperature?
3. A solution contains 40g common salt in 320g of water. Calculate the concentration in terms of mass by mass percentage of the solution.
4. List the point of difference between homogeneous and heterogeneous mixture along with two examples.

5. Calculate the number of moles for the following
 A) 52g of He B) 12.044×10^{23} number of He atoms.
6. What is polyatomic ions ? Give example.

Biology

1. What will happen when a human RBC is placed in hypertonic salt solution?
2. Complete the tables.

ORGANELLE	STRUCTURE	FUNCTION
		Produces ATP
Lysosome		

3. Name the tissues present in:-
 - a. Filling of space inside the organs
 - b. Muscle in limbs
4. What would happen if :-
 - a. There was no cuticle on the surface of leaves of plants growing in dry and hot places.
 - b. Root tips are removed from onion bulb.
5. Name two weeds of Indian crops.
6. Compare and contrast the use of manure and fertilizers in maintaining soil fertility.

HISTORY

- I. Multiple Choice Questions:-

1. What is livre?
 - a) A unit of currency in France.
 - b) A tax levied by the Church.
 - c) A group of privileged people.
 - d) A tax to be paid directly to the state.
2. Who is the author of 'Two Treatises' of Government?
 - a) Jean Jacques Rousseau.
 - b) Montesquieu.
 - c) Mirabeau.
 - d) John Locke.
3. For what purpose did Louise XVI call together an assembly of the Estates Genral on 5th May 1789?
 - a) To pass proposals for new taxes.
 - b) To pass proposals for abolishing the feudal system.
 - c) To pass proposals for new price index.
 - d) To give the poor their due rights.
4. What was the main objective of the Constitution of 1791?
 - a) To dethrone the king
 - b) To limit the powers of the clergy & nobility.
 - c) To limit the powers of the king.
 - d) To make the king more powerful.
5. When was France declared a Republic?
 - a) On 21st September 1792.
 - b) On 21st May 1792.
 - c) On 21st September 1793.
 - d) On 5th August 1793.
6. Which rights was given to the French woman in 1946?
 - a) Right to hold political offices.
 - b) Right to get education.
 - c) Right to divorce.
 - d) Right to vote.
7. Which statement is not correct?

- a) Conservatives wanted to bring change through a slow process.
 - b) Liberals were in favour of the uncontrolled power of dynastic rulers.
 - c) Radicals supported women's suffragette movements.
 - d) Liberals did not believe in Universal adult franchise.
8. Which statement gives a clear picture of socialist?
- a) They were in favour of accumulation of wealth.
 - b) They wanted to encourage capitalist entrepreneurship.
 - c) They wanted to give employment only to the talented.
 - d) They were against private property.
9. When was the Russian Social Democratic Workers Party founded?
- a) 1898
 - b) 1889
 - c) 1887
 - d) 1807
10. What is associated with the 1905 Revolution.
- a) Fall of Tsarist autocracy.
 - b) Dismissal of the Fourth Duma.
 - c) Bloody Sunday.
 - d) All of these.

Answer the following question (1x5)

1. What was the Estates General?
2. Who was the leader of the Jacobin club?
3. Name the places associated with slave trade.
4. What were Kulaks and Kolkhoz?
5. Who was the ruler of Russia in 1914?

CIVICS

1. General Pervez Musharraf led a Military coup in Pakistan in the year-
 - a) 1999
 - b) 2000
 - c) 2002
 - d) 2003

2. What does a candidate need before contesting elections in China?
 - a) Approval of at least two big political parties.
 - b) Approval of the National People's Congress.
 - c) Approval of the Chinese Communist Party.
 - d) Approval of the Election Commission.

3. In which country is Institutional Revolutionary Party (PRI) active?
 - a) Mexico.
 - b) Zimbabwe.
 - c) Pakistan.
 - d) China.

4. What is peculiar with ZANU- Pf?
 - a) It has never won any election.
 - b) It has always won elections.
 - c) It is a one man party.
 - d) It is the biggest political party in the world.

5. Which of the following is in the favour of democracy?
 - a) Leaders keep changing.

- b) Delays are often made in taking decisions.
 - c) The dignity of citizens is enhanced.
 - d) Political competition is very prominent.
6. Why was Nelson Mandela sentenced to life imprisonment in 1964?
- a) He provoked the people to attack on the Whites.
 - b) He spread communal feelings among the people.
 - c) He dared to oppose apartheid regime in his country.
 - d) He was responsible for the attack on a theatre meant for the whites.
7. What blacks could not do?
- a) They could not visit the churches.
 - b) They could not form associations.
 - c) They could not live in white areas.
 - d) All of the above.
8. Who was the 1st Education Minister of free India?
- a) Vallabh bhai Patel.
 - b) Abdul Kalam Azad.
 - c) T.T Krishnamachari.
 - d) Jaipal Singh.
9. How many members were there in the Constituent Assembly that wrote the Indian constitution?
- a) 399
 - b) 299
 - c) 199
 - d) 190
10. Who among the following was not a member of the Constituent Assembly?
- a) Rajendra Prasad.
 - b) B.R. Ambedkar.
 - c) H.C. Mukherjee.
 - d) Mahatma Gandhi.

Geography

1. The important parallel, passed through India .
2. Which lake is formed due to tectonic movement ?
3. The flat land between two rivers .
4. The easternmost range of the Himalaya .
5. Water divide between Ganga and Indus river system .
6. What type of mountain is the Himalaya ?
7. What is the total length of the coastline of India ?
8. Name any one west flowing river of India .
9. At which place river Indus meets with its tributaries .
10. Which is the oldest landmass ?
11. The lakes formed from cut offs of the river are known as.
12. Name the waterfalls in Narmada Basin .
13. Crescent shaped sand dunes are known as .
14. The southern most point of India (mainland).
15. The part of The Himalayas located between Satluj and Kali rivers.

Economics

1. Why is literacy rate low among the females?

- a. Lack of equal education opportunities
 - b. Lack of income
 - c. Lack of confidence
 - d. Lack of infrastructure
2. Market activity refers to production for
 - a. Exchange
 - b. Earning income
 - c. Earning profit
 - d. All the above
 3. Self consumption is
 - a. Non economic activity
 - b. Non market activity
 - c. Non production activity
 - d. None of the above
 4. Infant mortality rate refers to the death of a child under the age of
 - a. 1 year
 - b. 2 years
 - c. 5 years
 - d. 14 years
 5. Investment in Human Capital is expenditure on
 - a. Education
 - b. Training
 - c. Medical care
 - d. All the above
 6. Which of the following is working capital
 - a. Cash
 - b. Tools
 - c. Furniture
 - d. Machine
 7. Which is the main source of earning in the village Palampur?
 - a. Transport
 - b. Dairy
 - c. Farming
 - d. Shop keeping
 8. Which of the following is used in modern farming method?
 - a. Chemical fertilizer
 - b. HYV seeds
 - c. Both
 - d. None of these
 9. What are the factors of production?
 - a. Land
 - b. Labour
 - c. Capital
 - d. All of the above

10. The concept of green Revolution is associated mainly with the production of:

- Wheat
- Rice
- Bazaar
- Both a and b

HINDI

सभी प्रश्नों के उत्तर दीजिये

- छोटी बच्ची को बैलों के प्रति प्रेम क्यों उमड़ आया?
- कहानी में बैलों के माध्यम से कौन कौन से नीतिविषयक मूल्य उभर कर आया?
- लेखक लङ्कोर के वर्ण के मार्ग में अपने साथियों से किस कारण पिछड़ गया?
- कवि ने सच्चे प्रेम की कसौटी क्या बताई ?
- 'रस्सी' यहाँ किसके लिए प्रयुक्त हुई और व कैसी है?
- एक लकुटी और कामरिया पर कवि सबकुछ न्योछावर करने को क्यों तैयार है?
- अलंकार बताएं ।
 - क) काली घटा का घमंड घटा ।
 - ख) मैया मैं तो चंद्र - खिलौना लैहों ।
 - ग) देख लो साकेत नगरी है यही। स्वर्ग से मिलने गगन में जा रही ।
- जन्मदिन की बधाई देते हुए अपने मित्र को पत्र लिखिए ।
- अभ्यास परीक्षा क लेकर दो मित्रों के बीच २५-३० शब्दों में संवाद लिखिए ।
- उपसर्ग - प्रत्यय व समास बताएं ।
 - क) प्रहार (उपसर्ग व मूल शब्द)
 - ख) सामाजिक (मूल शब्द व प्रत्यय)
 - ग) आपबीती (विग्रह कर समास का नाम)

SANSKRIT

- निर्देशानुसारलिखत।
 - अस्- लङ्गलकारप्रथमपु०
 - गम्- लोटलकारमध्यमपु०
 - पा-लृट् लकार उत्तम पु०
 - सेव -लट् लकारउत्तमपु०
- 'नदी'पदस्यशब्दरूपलिखत। (प्रथमा से पंचमी विभक्ति)
- उपसर्गचित्वा लिखत।

दुर्लभम्, प्रभवति, अनुगच्छति, निर्बल
- उचितपदैः रिक्तस्थानानि पूरयत।
 - सीता _____ सह वनं अगच्छत्। (राम)
 - _____ नमः। (गुरु)
 - _____ बहिः उद्यानम् वर्तते। (गृह)
 - रामः कन्दुकम् _____ क्रीडति। (आनीय, गत्वा)
 - त्वं कुत्र _____ क्रीडसि? (गम्य, गत्वा)

6) 'छात्रजीवनम्' इति विषये पंचवाक्यानि लिखत।

मञ्जूषा----- (अनुशासनबद्धं जीवनम्, विद्यायाः महत्त्वम्, सुखमयं जीवनम्, प्रथमम् सोपानम्, विद्यायां रताः, भवन्ति, सरलजीवनम्, मानवजीवने)