

Sandipani Public School

Pendri Masturi

Affiliated to CBSE, New Delhi.

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Summer Holiday Assignment

Name- _____

Class - X

Section- 'A'

12

SPS

Subject- English

QI. Complete the following story. Give a suitable title to the story. [Delhi 2019)

Bunya was a foolish boy, who liked to be given plenty of attention and was always seeking it. He was a woodcutter and would go deep into the jungle to cut trees. One day he wanted to do an act of mischief. He shouted at the top of his voice, "There's a tiger, there's a tiger."

QII. Complete the following story. Some lines are given to help you start.

Lala, the grocer, was very greedy. He would mix stones in pulses and coloured sand in spices and sell them to the poor villagers. The villagers complained to him but he turned a deaf ear as his was the only grocery store in the village.
.....

QIII. Choose the correct option –

1. Peter _____ two wickets before rain interrupted play.
 - a) took
 - b) has taken
 - c) had taken
 - d) had took
2. In my youth I _____ exercise every day.
 - a) had taken
 - b) took
 - c) was taking
 - d) had been taking
3. She _____ for Delhi this evening.
 - a) is leaving
 - b) was leaving
 - c) have been leaving
 - d) had left
4. We _____ living here since 1990.
 - a) were
 - b) are
 - c) have been
 - d) had been
5. Did you _____ him ?
 - a) seen
 - b) see
 - c) saw
 - d) were seeing
6. I could _____ her if I wanted to.
 - a) have married

- b) marry
c) married
d) be marrying
7. I _____ school last year.
a) left
b) had left
c) leaved
d) was leaving
8. Akbar _____ the Moghul power paramount in India.
a) had made
b) has made
c) made
d) would make
9. Ramu has _____ home.
a) went
b) go
c) gone
d) going
10. Does she _____ what she is doing?
a) knows
b) know
c) knew
d) had known

QIV. Fill in the blanks with the correct modals.

1. He knew that he _____ (would / must) be able to reach office in time.
2. You _____ (dare / could) not enter my house again.
3. I thought he _____ (should / would) be at school.
4. Raman _____ (can / should) speak in two voices.
5. I _____ (can't / couldn't) write what you spoke.
6. You _____ (should / can) have told me earlier.
7. _____ (can / should) I get something to drink, please? I am very thirsty.
8. _____ (Can / Should) I use your car, please?
9. You _____ (can / would) go in now and meet the doctor.
10. I _____ (would / should) love to teach these children.

QV. There is an error in each of the following lines. Underline the error and write the correct word in the apace provided against each line.

Animal cruelty can take many different forms.

1. _____ It does include obvious and intentional acts of violence, 2. _____ but it also includes animals neglect or the failure to
3. _____ looks after its welfare. In fact this also
4. _____ include any form of psychological harm. There

5. _____ is so many ways of being cruel that Animal Welfare Acts 6. _____ may include act such as confining or transporting an animal 7. _____ in a way that are inappropriate for its welfare. 8. _____

QVI. Fill in the blanks with suitable determiners:

1. Sachin Tendulkar is referred to as ____ Bradman of Indian cricket. (a / an / the)
2. He received _____ help from his teachers. (many / more / much)
3. I can depend upon _____ friends I have. (few / a few / the few)
4. My brother is studying in _____ European university. (a / an / the)
5. _____ of my friends helped much me in my distress. (few / a few / the few)
6. I don't want _____ coffee, thank you. (some / any)
7. _____ union leader will address the workers. (a / an / the)
8. He gave me _____ one rupee note. (a / an / the)
9. Can you lend me _____ books? (few / a few / the few)
10. I cannot give you _____ money. (any / some / a little)

QVII. Read the following conversation and complete the passage that follows.

Interviewer: Was shooting " The Kashmir Files " in Kashmir challenging?

Mr Agnihotri: Filming is not an easy job for me, but in Kashmir it was even more difficult as the incident belonged to this state's people.

Interviewer: How did the locals react to your project?

Mr. Agnihotri: Many assisted us during the making of the film. There were many who realised that it was shame on the Kashmiris who did the all wrongs to Kashmiri Pandits.

The interviewer asked Mr Agnihotri (a) _____ challenging in Kashmir.

Mr. Agnihotri replied that (b) _____ but in Kashmir (c) _____ more difficult as the incident belonged to that state's people.

The interviewer wanted to know (d) _____ to his project. Mr. Agnihotri told him that (e) _____ and added that (f) _____ who (g) _____

_____ that it (h) _____ on the Kashmiris who (i) _____ all the wrongs on Kashmiri Pandits.

Subject- Social Science

Q1. Multiple Choice Questions:

- i) Who made the famous remark 'When France sneezes, the rest of Europe catches cold'?
- a) Metternich
- b) Mazzini
- c) Garibaldi

- d) Louis Philippe
- ii) The Treaty of Constantinople was signed in _____
- a) 1835
 - b) 1735
 - c) 1834
 - d) 1832
- iii) The famous Italian Revolutionary Giuseppe Mazzini was born in _____ in 1807.
- a) Turin
 - b) Rome
 - c) Genoa
 - d) Atlanta
- iv) Giuseppe Mazzini founded the secret underground society named 'Young Europe' in _____
- a) Marseilles
 - b) Berne
 - c) Vienna
 - d) Brussels
- v) _____ believed that established, traditional institutions of state and society should be preserved.
- a) Conservatives
 - b) Liberals
 - c) Democrats
 - d) None of the above
- vi) The Bourbon dynasty, which had been deposed during the French Revolution, was restored to power after signing the Treaty of _____
- a) Vienna
 - b) Constantinople
 - c) Marseilles
 - d) Prussia
- vii) _____ regimes imposed censorship laws to control what was said in newspapers, books, plays and songs and reflected the ideas of liberty and freedom
- a) Liberal
 - b) Conservative
 - c) Democratic
 - d) Secular
- viii) A large part of the Balkans was under the control of the _____ empire, which witnessed the most serious source of nationalist tensions in Europe after 1871.
- a) Greek
 - b) Russian
 - c) Prussian
 - d) Ottoman

- ix) Artists of the time of the French Revolution personified _____ as a female figure.
- Socialism
 - Liberty
 - Autocracy
 - None of the above
- x) During the nineteenth century, _____ emerged as a force that brought about sweeping changes in the political and mental world of Europe.
- Nationalism
 - Secularism
 - Monarchy
 - Religion
- xi) The ideas of *la patrie* means _____.
- Motherland
 - Fatherland
 - Citizens
 - Monarchy
- xii) The Estates General was elected by the body of active citizens and renamed the _____.
- Provincial Assembly
 - State Assembly
 - National Assembly
 - None of the above
- xiii) Which of the following statements about the Civil Code of 1804, usually known as the Napoleonic Code, are true?
- Secured the Right to Property
 - Established Equality before Law
 - Removed all privileges based on birth
 - All of the above
- xiv) Which of the following resulted in hostility towards the French armies in Europe
- Forced conscription into the French armies
 - Censorship
 - Uniform Laws
 - Both Options (a) & (b)
- xv) The Habsburg Empire consisted of regions
- Italian-speaking provinces of Lombardy and Venetia
 - The Alpine regions – the Tyrol, Austria and the Sudetenland
 - All the above
 - None of the above
- xvi) In Galicia, the aristocracy spoke _____ language.
- German
 - Italian
 - French
 - Polish

xvii) The first political experiment in liberal democracy took place in

- _____.
- a) Germany
 - b) France
 - c) Italy
 - d) Great Britain

xviii) Which of the following are true about Liberalism?

- a) Abolition of state-imposed restrictions.
- b) Freedom of markets on the movement of goods and capital.
- c) Both options (a) and (b) are true.
- d) None of the above are true.

xix) Which of the following is true about *elle*?

- a) It was known as the measurement of cloth.
- b) An elle of textile material in different regions will give different measurements of cloth.
- c) Such difference in measurement was viewed as an obstacle for economic exchange.
- d) All the above statements are true.

xx) A secret society named Young Italy was established in

- a) Marseilles
- b) Berne
- c) Zurich
- d) Genoa

Q2. Fill in the blanks:

- i) _____ was the clarion call of the French Revolutionaries.
- ii) The _____ allowed for free trade.
- iii) The Romantics largely went against at the driving force of the Age of _____.
- iv) Bismarck took the help of _____ to defeat _____ in 1864.

Q3. Answer the following questions in very short:

- i) Who was Marianne?
- ii) Who was Camillo Benso?
- iii) Who founded the Young Italy Movement?
- iv) What did Montesquieu propose?

Q4. Answer the following questions in short:

- i) How did Greece become an independent nation state?
- ii) How did women contribute to the March of Versailles?

Q5. Skill Based Questions

- i) Which of the following is true about the person in the given image?
- (a) His government integrated and applied some of the ideas of the French revolution. ()
- (b) He launched several attacks on France. ()
- (c) He conquered the last state of Europe in the Battle of Waterloo. ()
- ii) Do you think European nation states would have been formed without the internal wars? Explain.

Subject- Science
Physics

- 1) What is meant by 'reflection of light' ? Define the following terms and draw a labelled ray-diagram in each case:
 - a) Incident Ray, b) Point of Incidence, c) Normal, d) Reflected Ray, e) Angle of incidence,
 - f) Angle of reflection.
- 2) A ray of light strikes a plane mirror such that its angle of incidence is 30° . What angle does the reflected ray make with the mirror surface?
- 3) The letter F is placed in front of a plane mirror:
 - a) How would it's image look like when seen in a plane mirror?
 - b) What is the name of the phenomenon involved?
- 4) A man sits in an optician's chair, looking into a plane mirror which is 2m away from him and views the image of a chart which faces the mirror and is 50cm behind his head. How far away from his eyes does the chart appear to be?
- 5) What is a spherical mirror? Distinguish between a concave mirror and a convex mirror.
- 6) Define the following terms of a spherical mirror with help of a labelled diagram :
 - a) Centre of curvature, b) Radius of curvature, c) Pole, d) Principal axis,
 - e) Aperture.

Chemistry

1. What is a chemical reaction? Explain with the help of an example.
2. What are reactants and products in a chemical reaction?
3. Giving examples, state the difference between balanced and unbalanced chemical equations.
4. Explain the characteristics of Chemical Reactions.

Write the symbols for the following chemical elements:

- (a) Oxygen : _____
 (b) Magnesium : _____
 (c) Zinc : _____
 (d) Sodium : _____
 (e) Iron : _____
 (f) Aluminium : _____
 (g) Hydrogen : _____
 (h) Carbon : _____
 (i) Nitrogen : _____
 (j) Chlorine : _____

5. Write the chemical names for the following symbols :

- i) Al : _____
 ii) Cu : _____
 iii) He : _____
 iv) C : _____
 v) H : _____
 vi) Na : _____
 vii) S : _____
 viii) Cl : _____
 ix) Fe : _____
 x) Ca : _____

Biology

Q1. Very short answer type question -

- a) Name a process by which plant make their food.
- b) Name the pigment which can absorb solar energy.
- c) Name a gas produced in photosynthesis
- d) Name a gas used in photosynthesis
- e) Name the organelle of a plant cell in which photosynthesis occur.
- f) Write the name of the cell basically in which chlorophyll is present in a plant
- g) What are the raw material use for the process of photosynthesis ?
- h) Name the organelle of plant cell in which photosynthesis occur.

Q2. Explain how the plants obtain carbon dioxide.

Q3. Explain the nutrition in plant and chemical reaction of photosynthesis.

Q4. Define –

- a) Autotroph
- b) Heterotrophs
- c) Chloroplast
- d) Life process-

Q5. How the plants obtain water for photosynthesis?

Q6. Why energy is needed for the life processes?

Q7. Draw a structure of leaf Cross Section -

Subject-Mathematics

1. Find the LCM and HCF of the following pairs of integers and verify that $LCM \times HCF = \text{Product of Integers}$.

- a) 26 and 91
- b) 510 and 92
- c) 336 and 54
- d) 404 and 96

2. Find the LCM and HCF of the following pairs of integers by applying prime factorisation method.

- a) 17, 23 and 29
- b) 40, 36 and 126
- c) 84, 90 and 120
- d) 24, 15 and 36

Given that $HCF(629, 901) = 9$ find $LCM(629, 901)$.

- 3. The HCF of two numbers is 145 and their LCM is 2175. If one number is 725, find the other.
- 4. Can two numbers have 16 as their HCF and 380 as their LCM? Give reason.
- 5. Find the smallest number which when increased by 17 is exactly divisible by both 520 and 468.
- 6. Find the least number which is divisible by all the numbers between 1 and 10 (both inclusive).
- 7. Find the greatest number 6 digits that is exactly divisible by 24, 15 and 36.
- 8. In a morning walk three persons steps off together, their steps measure 80cm, 85cm and 90cm respectively. What is the minimum distance each should walk so that they can cover the distance in complete steps?

9. Show that the following numbers are irrational:

- a) $7\sqrt{5}$
- b) $3 - \sqrt{5}$

c) $\frac{3}{2\sqrt{5}}$

d) $\sqrt{2} + \sqrt{3}$

10. Given that $\sqrt{2}$ is irrational, prove that $(5 + 3\sqrt{2})$ is an irrational number.

11. Find the greatest number 6 digits that is exactly divisible by 24, 15 and 36.

Subject- Information Technology

Q1. Write the steps to apply a style to the selected text.

Q2. Create a document in **Microsoft Office Word** on any five "**Socio Economic Problem**" prevalent in our society. Insert pictures relevant to each.

Q3. Create a document in **Microsoft Office Word** on "**Importance of Discipline**" in student's life. Add relevant picture at the top of the page after the title.

Q4. Draw a picture related to "Traffic Signal" in "Paint" and insert in "**Microsoft Office Word**" then demonstrate the symbols.

(Note – After making Q2, Q3 and Q4 Word document need to send to Mail Id- tanu1105@gmail.com with your name and Class.)

Subject-Hindi

निम्नलिखित गद्यांशों को ध्यानपूर्वक पढ़िए और पूछे गए प्रश्नों के उत्तर लिखिए।

I. कहने को चाहे भारत में स्वशासन हो और भारतीयकरण का नारा हो, किंतु वास्तविकता में सब ओर आस्थाहीनता बढ़ती जा रही है। मंदिरों, मसजिदों, गुरुद्वारों या चर्च में बढ़ती भीड़ और प्रचार माध्यमों द्वारा मेलों और पर्वों के व्यापक कवरेज से आस्था के संदर्भ में कोई भ्रम मत पालिए; क्योंकि यह सब उसी प्रकार भ्रामक है, जैसे 'लगे रहो मुन्ना भाई की गांधीगिरी'।

वास्तविक जीवन में जिस आचरण की अपेक्षा व्यक्ति या समूह से की जाती है, उसकी झलक तक पाना मुश्किल हो गया है। गांधी को 'गिरी' के रूप में आँकने के सिनेमाई कथानक का कोई स्थायी प्रभाव हो भी नहीं सकता। फ़िल्म उतरी और प्रभाव चला गया। गांधी को बाह्य आवरण से समझने के कारण वर्षों से हम दो अक्टूबर और तीस जनवरी को कुछ आडंबर अवश्य करते चले आ रहे हैं, लेकिन जिन जीवन-मूल्यों के प्रति आस्थावान होने की हम सौगंध खाते हैं और उन्हें आचरण में उतारने का संकल्प व्यक्त करते हैं, उसका लेशमात्र प्रभाव भी हमारे आसपास के जीवन में प्रतीत नहीं होता।

1. लेखक की दृष्टि में आस्था के संबंध में क्या-क्या भ्रमात्मक है?

.....

.....

2. लेखक की दृष्टि में गांधी को लोगों ने किस रूप में समझा है तथा उसके क्या परिणाम हुए हैं?

.....

.....

3. गांधी जी के प्रति सच्ची आस्था के स्थान पर लोग कौन-से आडंबर करते चले आ रहे हैं?

.....

.....

4. फ़िल्म 'लगे रहो मुन्ना भाई' की गांधीगिरी लेखक की दृष्टि में क्या है तथा क्यों?

.....

.....

11. पाकर तुझसे सभी सुखों को हमने भोगा,
 तेरा प्रत्युपकार कभी क्या हमसे होगा?
 तेरी ही यह देह तुझी से बनी हुई है,
 बस तेरे ही सुरस सार से सनी हुई है,
 फिर अंत समय तू ही इसे अचल देख अपनाएगी।
 हे मातृभूमि! यह अंत में तुझमें ही मिल जाएगी।

1. कवि अपने सुखों का निमित्त किसे मान रहे हैं?

.....

2. कवि किसके प्रत्युपकार की बात कह रहे हैं?

.....

3. यह देह किससे बनी हुई है?

.....

.....

4. अंत में इस देह को कौन अपनाएगा?

.....

.....

5. इस काव्यांश का उपयुक्त शीर्षक दीजिए।

निम्नलिखित प्रश्नों के उत्तर दीजिए।

1. सरल वाक्य तथा जटिल वाक्य में अंतर स्पष्ट कीजिए।

.....

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.....

2. सही (✓) अथवा ग़लत (X) के निशान लगाइए।

- (क) सरल वाक्यों में एक ही क्रिया पदबंध होता है।
- (ख) संयुक्त वाक्यों में एक उपवाक्य प्रधान उपवाक्य होता है।
- (ग) क्रियाविशेषण उपवाक्य मिश्र वाक्यों में आते हैं।
- (घ) एक उद्देश्य तथा एक विधेय वाले वाक्य जटिल वाक्य कहलाते हैं।

3. रेखांकित उपवाक्यों के भेद लिखिए।

(क) अध्यापक ने कहा था कि कल स्कूल बंद रहेगा।

.....

(ख) वह मकान बिक गया जिसे आप खरीदना चाहते थे।

.....

(ग) जब वे लोग पहुँचे तब बहुत तेज़ बारिश हो रही थी।

.....

(घ) वह इसलिए घर गई थी क्योंकि उसे खाना खाना था।

(ड) हम लोगों ने कल फ़िल्म भी देखी और होटल में खाना भी खाया।

.....

(च) वह इस तरह चल रही थी जैसे कोई बीमार चलता हो।

.....

4. रचना की दृष्टि से निम्नलिखित वाक्यों के भेद लिखिए।

(क) आप खाना खाकर जाइएगा।

.....

(ख) जब बारिश होगी तब किसान अपने खेतों में हल चलाएँगे।

.....

(ग) यहाँ बैठिए और अपना काम कीजिए।

.....

(घ) किसी ज्योतिषी ने कहा है कि यह वर्ष उसके लिए खराब है।

.....

(ङ) कल मैंने इतना खाया जितना कोई नहीं खा सकता।

.....

5. कोष्ठक में दिए गए निर्देशों के अनुसार वाक्य बदलिए।

(क) मैंने पुराना मकान बेच दिया।

.....

(मिश्र वाक्य में)

(ख) त्रिपाठी और पांडे दोनों को सज़ा मिलेगी।

.....

(संयुक्त वाक्य में)

(ग) हमने बहुत समझाया पर वह नहीं मानी।

.....

(सरल वाक्य में)

(घ) मेरी राय मानो जिससे हर मुसीबत से बच सको।

.....

(संयुक्त वाक्य में)