

CLASS VIII

SUBJECT- ENGLISH

WRITING:

1. You are the Student Editor of your school. Draft a notice inviting articles, poems and other writings for the school notice board. 50 words.
2. Write an essay on "A Historic Place That You Visited This Holidays". 150 – 200 words.
3. Write a letter to your friend inviting him to spend some days with you during the Dussehra.

GRAMMAR: Make notes of the following grammar items with examples.

1. The Passive: Present and Past
2. Reported Speech: Statements and Exclamation
3. Verbs: Strong Vs Weak; Transitive Vs Intransitive;

Literature: Read the following chapters carefully and note down the difficult words.

1. This is Jody's Fawn
2. A visit to Cambridge
3. A Short Monsoon Diary

SUBJECT- HINDI

LOWER HINDI

१. रक्षा में हत्या पाठ के प्रश्नोत्तर लिखो।

२. भगवान के डाकिण कविता को लिखो।

३. अनुच्छेद लिखो –

क. त्योहार जो मुझे पसंद है

ख. मेरा मित्र

ग. मेरा देश

घ. पेड़-पौधे और हम

ङ. आदर्श विद्यार्थी

४. पत्र लिखो–

क. पिताजी को

ख. अपनी दादी को

ग. अपने मित्र को

५. संवाद लिखो –

क. दादी-पोते के बीच

ख. पिता-पुत्र के बीच

ग. महिला और सब्जीवाला

६. विज्ञापन बनाओ –

क. चॉकलेट

ख. टी.वी.

ग. कलम

घ. साबुन

७. वाक्य बनाओ – २० शब्द

८. रक्षा में हत्या पाठ के ५० कठिन शब्द तीन-तीन बार लिखो।

९. ताजमहल के बारे में जानकारी एकत्रित करो।

HIGHER

१. अनुच्छेद लिखिए – मेरा सपनों का भारत . दहेज : एक कुप्रथा

२. मामा जी को अपने आने की सूचना तथा अपने मित्र को बधाई देने हेतु पत्र लिखिए।

३. किन्हीं १० मुहावरों का अर्थ बताते हुए उनसे वाक्य बनाइए।

४. समास की परिभाषा बताते हुए उसके भेद लिखिए।

५. संधि के प्रत्येक भेद के १०-१० उदाहरण और उनका संधि - विच्छेद लिखिए।

६. उपसर्ग - प्रत्यय की परिभाषा बताते हुए शब्द बनाइए।

७. विलोम शब्द लिखिए - ३० शब्दों के।

८. कामचोर कहानी को पढ़कर प्रश्नों के उत्तर लिखिए।

SUBJECT- ODIA

LOWER

Write all Question's answer of lesson-

(1) Sabusundara

(2) Tumaparichotopilattee

(3) Puni semanee hasilee

(4) Sahajyara suphala

(5) Write 15 line about yourself

(6) Write 15 line about your school

(7) Write 15 line about - Aim of your life.

HIGHER

Write all Questions' answer of grammar lesson -

- Dwani ,Lipi ,Sabda, Odia bhasa, Yuktabyanjana,Tatshama,Tadbhaba,Desha and Baidesika -
- Odia-Sanskruta
- Odia-English
- Odia-Parshi
- Odia-Aarabi
- Odia-portuguese
- Jugma sabda
- Dhwanyatmaka sabda
- Samocharita sabda
- Biparita sabda
- Linga paribartana
- Sandhi,Samasha from sahitya Book .

Write all Question's answer of Lesson-

- (1) Sibaratri
- (2) Rogiseba
- (3) Gurushisya samparka
- (4) Dasaharabheti
- (5) Sunaneula.

SUBJECT- PHYSICS

1. What are the harms of noise pollution?
2. Why is it more difficult to walk properly on a well polished floor?
3. An object of weight 500N is lying on a rough surface. What is the frictional force acting on the body?
4. Why do sea divers wear specially designed suits?
5. An inflate balloon was pressed against a wall after it has been rubbed with a piece of synthetic cloth it was found that balloon sticks to the wall. Name the force that is responsible for the attraction between the balloon and the wall.
6. Explain the following
 - a. Ball bearing
 - b. Drag:
7. Define pressure. What happens to the pressure when area on which it is applied decreases?
8. Explain how sound is produced by humans with the help of a diagram.
9. (i) Write an activity with a diagram that explains sound needs medium for its propagation.

(ii) In which medium, speed of sound is maximum
10. Give reason:

- a. Sportsmen use shoes with spikes
- b. Sliding friction is greater than limiting friction
- c. Objects moving in fluids must have special shapes.

SUBJECT- CHEMISTRY

Read the following passage carefully and answer the following questions.

Materials that are required for our basic needs are called resources. Some of these resources are found in our nature, called, natural resources. Resources which are present in unlimited quantity in nature and are not likely to be finished by human activities are called Inexhaustible Natural Resources. (Like air, sunlight, water, etc). Limited natural resources which are likely to be finished by human activities are called exhaustible natural resources. (Coal, petroleum , forest, minerals, wild life,etc) .The substance that undergoes combustion (burning) is called a fuel. Dead remains of living organism are called fossils. Coal and petroleum are fossil fuels.

NOW ANSWER THE FOLLOWING QUESTIONS:

1. What are natural resources? Give two examples.
2. Give examples of TWO Inexhaustible Natural Resources. Why they are called Inexhaustible Natural Resources?
3. Give examples of TWO Exhaustible Natural Resources. Why they are called Exhaustible Natural Resources?
4. Classify the following resources as exhaustible or Inexhaustible Natural Resources.
Air, Coal, water, forest, Iron ore, moon light, wind, petroleum, wild lives.
5. What is fuel?
6. What is fossil?
7. Name two fossil fuels.

Read the following passage carefully and answer the following questions.

About 300 million years ago the earth had dense forests in low lying wetland areas. Due to natural process , like flooding, these forest got buried under the soil. As more soil deposited on them , they were compressed . The temperature also rose as they sank deeper and deeper. Under high pressure and high temperature, buried dead plants got slowly converted to coal. The slow process of conversion of dead

vegetation into coal is called carbonisation. Since it was formed from the remains of vegetation, coal is called a fossil fuel.

NOW ANSWER THE FOLLOWING QUESTIONS;

8. How coals are formed in nature? Explain.
9. Under what conditions buried dead plants got converted to coal?
10. Define 'Carbonisation'.
11. Why coal is called a fossil fuel?

Read the following passage carefully and answer the following questions.

Coal is a mixture containing mainly COKE, COAL TAR and COAL GAS. By processing coal (heating coal strongly in the absence of air) coke, coal tar and coal gas are obtained. Coke is used in manufacture of steel, extraction of many metals. Coal tars are used for making dyes, drugs, explosives, perfumes, plastics, paints, photographic materials, naphthalene and roofing materials. Coal gas is used as fuel in industries and home.

NOW ANSWER THE FOLLOWING QUESTIONS;

12. What are substances present in coal?
13. How different substances of coal are separated?
14. Give two uses of (a) Coal gas (b) Coke (c) Coal tar.

Read the following passage carefully and answer the following questions.

When organism living in the sea died, their bodies settled at the bottom of the sea got covered with layers of sand and clay. Over millions of years, absence of air, high temperature and high pressure transformed the dead organisms into petroleum and natural gas. Petroleum is a mixture of petroleum gas, petrol, diesel, lubricating oil, paraffin wax, etc. Different constituents of petroleum are separated by fractional distillation of petroleum in a petroleum refinery. Natural gas is stored under high pressure as **Compressed Natural Gas** . (C N G). CNG is used for power generation, fuels for transport vehicles and home. It is also used for manufacture of chemicals and fertilizers. When CNG burns cause less pollution. So it is called a clean fuel. It can be supplied home through pipe lines. In India natural gas has been found in Tripura, Rajasthan, Maharashtra and in the Krishna Godavari delta.

NOW ANSWER THE FOLLOWING QUESTIONS;

15. Where petroleum are found?

16. How petroleum are formed? Explain.
17. What is the main composition of petroleum?
18. How different components of petroleum are separated?
19. What is CNG?
20. Write five uses of CNG.
21. Why CNG is called as clean fuel?
22. Name few places in India where natural gas are found.
23. Refer **text book page no.60 Table 5.1** and write the uses of
 - a) LPG
 - b) Petrol
 - c) Kerosene
 - d) Diesel
 - e) Lubricating oil
 - f) Paraffin wax
 - g) Bitumen.

READ TEXT BOOK CHAPTERS "SYNTHETIC FIBRES AND PLASTICS", "METALS AND NON METALS", "CARBON AND ITS COMPOUNDS" THOROUGHLY.

SUBJECT- MATHS

Chapter -9 (Algebraic expressions and identities.)

From NCERT text book.

Exercise 9.1 : 4 questions (bitwise 14 questions)

Exercise 9.2 : 5 questions (bitwise 16 questions)

Exercise 9.3 : 5 questions (bitwise 20 questions)

Exercise 9.4 : 3 questions (bitwise 17 questions)

Exercise 9.5 : 8 questions (bitwise 50 questions)

Total - 117 questions

Chapter -11 (Mensuration)

From NCERT text book.

Exercise 11.1 : 5 questions	Exercise 11.2 : 11 questions
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Exercise 11.3 : 10 questions	Exercise 11.4 : 8 questions
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Total - 34 questions

QUESTIONS FROM REFERENCE BOOK.

1. Subtract the sum of $2x - x^2 + 5$ and $-4x - 3 + 7x^2$ from 5.
2. Simplify : $x^2 - 3x + 5 - \frac{1}{2}(3x^2 - 5x + 7)$.

3. Simplify : $[5 - 3x + 2y - (2x - y)] - (3x - 7y + 9)$.
4. Simplify : $(1/3 a^2 - 4/7 a + 11) - (1/7 a - 3 + 2 a^2) - (2/7 a - 2/3 a^2 + 2)$
5. Simplify : $2x^2 (x^3 - x) - 3x (x^4 + 2x) - 2 (x^4 - 3x^2)$
6. Find the product : $(1/3 x - y^2/5) (1/3 x + y^2/5)$.
7. Evaluate using identity : a) 101^2 b) 99^2 c) 68×72 d) $128^2 - 72^2$.
8. Expand using identity : a) $(9x + 1/6)^2$ b) $(x/y - y/x)^2$ c) $(x^2 - ay)^2$
9. If $x - 1/x = 3$, Find the values of i) $x^2 + 1/x^2$ ii) $x^4 + 1/x^4$
10. If $3x + 5y = 11$ and $xy = 2$, find the value of $9x^2 + 25y^2$.

SUBJECT- BIOLOGY

1. Draw a labeled plant cell.
2. Draw a labeled animal cell.
3. Differentiate between cell and tissue.
4. Differentiate between organ and organelle.
5. Draw a flow chart showing the hierarchy of living organism.
6. Compare between plant cell and animal cell.
7. In which year cell was discovered and by whom?
8. State the function of cell wall.
9. Why cell membrane is very important in a living cell.
10. Find out the names of biologist and their contribution in the discovery of cell organelles.

SUBJECT- HISTORY & CIVICS

1. What does the concept of equality before the law means?
2. What were the drawbacks of ancient law ?
3. Why historians disprove the claim that British introduced the rule of law in India?
4. What is racial segregation?
5. How did African American fight against the unjust law of USA ?
6. What is lawyer collective ? critically examine its function ?
7. Write a short note on National Commission of Women .
8. Bring out the difference between civil and criminal law?
9. What is the importance of constitution ?
10. What is domestic violence?
11. Why was there a demand for Indian indigo in foreign market?

12. Name the two printing techniques which had a common element
13. By the late nineteenth century, the company forced cultivators in various parts of India to produce which crops?
14. Why did the cloth dyers prefer indigo as a dye to woad?
15. Who started the Champaran movement?
16. What were the two main types of system for indigo cultivation?
17. Describe the type of indigo cultivation in India?
18. Why did the peasants consider the ryot system of indigo cultivation as harsh?
19. Who were forced to sell their goods to the company at a low price?
20. Who was recognized as zamindars through the Permanent Settlement Act?

SUBJECT- GEOGRAPHY

1. Collect different types of seeds.
2. Define the term: Green, White, Blue and Yellow revolutions.
3. Conduct a case study of a farmer and prepare a power point presentation.
4. Mark a chart of everyday things you find at home and that you can recycle or reuse and the things that you cannot recycle or reuse and also paste pictures in your H.W notebook.
5. Complete chapter 5 question and answer in your note book.

SUBJECT- FOUNDATION OF IT

I .Do as directed:--

a. Differentiate between:-----

1. Design view and datasheet view in MS-Access
2. Memo and text data types in MS-Access

b. Guess the data type of:---

1. Resume of a candidate
2. Your birthday
3. Salary of an employee

c. Consider the data of the table Employee given below and answer the questions

Employee_id	Employee_Name	Designation	Salary
101	Mr Jhon	CEO	Rs.25,000.00
102	Ms Pooja	MANAGER	Rs.22,000.00
103	Mr. Anil	MANAGER	Rs.23,500.00
104	Mr.Ravi	ACCOUNTANT	Rs.21,000.00
105	Ms.Ritu	Sr.MANAGER	Rs.24,000.00

1. Identify the field that can be set as the Primary Key.
2. Suggest the data types for all the fields in the table.
3. Predict the output if a filter is set for designation of a manager.

d. Consider the table ITEM_DETAILS given below and predict the output for the query for each of the criteria given below:-----

ITEM_CODE	ITEM-NAME	BRAND	PRICE	QUANTITY
101	LAPTOP	HP	42,000.00	4
102	TELEVISION	SONY	54,000.00	2
103	REFRIGERATOR	SAMSUNG	35,000.00	4
104	TELEVISION	LG	33,000.00	5
105	LAPTOP	ASUS	28,000.00	3
106	TELEVISION	SAMSUNG	47,000.00	6
107	REFRIGERATOR	WHIRLPOOL	29,000.00	3
108	PRINTER	HP	6,500.00	7

QUERY 1

Field:	ITEM CODE	PRICE
Table:	ITEM_DETAILS	ITEM_DETAILS
Sort:		
Show:		
Criteria:		>35000
Or:		

QUERY 2

Field:	ITEM NAME	PRICE	QUANTITY
Table:	ITEM_DETAILS	ITEM_DETAILS	ITEM_DETAILS
Sort:			
Show:			
Criteria:		<35000	>=3
Or:			

QUERY 3

Field:	ITEM NAME	BRAND	QUANTITY
Table:	ITEM_DETAILS	ITEM_DETAILS	ITEM_DETAILS
Sort:			
Show:			
Criteria:		= 'SAMSUNG'	>=3
Or:			

QUERY 4

Field:	ITEM NAME	PRICE	QUANTITY
Table:	ITEM_DETAILS	ITEM_DETAILS	ITEM_DETAILS
Sort:			
Show:			
Criteria:	= 'TELEVISION'		
Or:			

- e. What are the features of Adobe Photoshop CS3? Mention the various parts of Photoshop interface.
- f. Explain the various selection tools in Photoshop.
