



SAVITRI DEVI D A V PUBLIC SCHOOL, JAMTARA

DIPAWALI & CHHAT PUJA HOLYDAY HOME-WORK & PROJECT WORK-(2023-24)

CLASS-VIII

SUBJECT- ENGLISH

WRITING SECTION

- 1) Write a letter to The Editor, The Hindustan Times, Ranchi to bring the awareness in the society to celebrate Eco-friendly Diwali in about 100-120 words. You are Raj, 105, Court Road, Jamtara.
- 2) Taking ideas from the poem "the Couplet" Write a letter to your friend telling the importance of leading a balanced life.

GRAMMAR SECTION

1. Rearranging Words and Phrases to form Meaningful Sentences.

- a. all over the room / spread / She has / garbage
- b. my friend / I have received / an email / from
- c. the window / has smashed / The ball / through
- d. is situated / the skull / inside / The brain
- e. on rain / Farmers depend / of crops / for the growth

2 : Edit the paragraph given below---

Passage

Children are fond to mango. It is a juicy or citrous fruit, available in much varieties. Mangoes grow on a tree over tropical and temperate climate. One of the best place to have good mangoes was Andhra Pradesh, India

Incorrect

Correct

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

3) Fill in the blanks with Participle, gerund, infinitive

- a) Mohan wants to ____ (swim) in the river.
- b) Let him ____ (go) now.
- c) We saw him ____ (arrive) at the party.
- d) Rita was too tired to ____ (walk).
- e) He refused to ____ (help) me.

Literature Section

1. Taking hints from the poem, prepare a speech to be delivered in the morning assembly on the topic: 'The Role of the Youth in Our Nation's Development'. (Children's Song)
2. Imagine yourself to be the young lady. Write a diary entry relating how the jeweler's vigilant assistant foiled your well-made plan to steal the ring. (The Case of Sharpe-eyed Jeweler)
3. How did William Morrison Solve the flower ring case ?
4. Justify the title of the poem " Children's Song".

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SUBJECT- HINDI

विषय -हिंदी

1. ' दहेज प्रथा एक सामाजिक कुरीति'विषय पर 100 से 150 शब्दों में अनुच्छेद लिखें।
2. दिवाली पर्व पर आधारित एक लघु कथा लिखकर चित्रांकित करें।(परियोजना कार्य)
(चार्ट पेपर या चैनल फाइल में)
3. अपने विद्यालय के पुस्तकालय में हिंदी व्याकरण की कुछ नई पुस्तकें मंगाने के लिए प्राचार्य को पत्र लिखें।
4. आपके शहर में पुस्तक मेला का आयोजन होने जा रहा है। इस पर एक विज्ञापन तैयार कीजिए।
5. आपके विद्यालय में वार्षिकोत्सव का आयोजन होने जा रहा है। इस पर एक सूचना तैयार कीजिए।
6. अपने जन्मदिन पर मित्र को निमंत्रित करने हेतु एक संदेश लिखें।

SUBJECT- SANSKRIT

श्लोक :- पिबन्ति नद्य स्वमेव परोपकाराय संता
विभूतयः ॥

1. उपरोक्त श्लोकानुसारेण प्रश्नानाम उत्तरत।

१. एक पदेन उत्तरत :-

- क) के स्वमेव जलं न पिबन्ति ?
- ख) के स्वयं फलानि न खादन्ति ?
- ग) के सस्यं न अदन्ति ?

२. पूर्ण वाक्येन उत्तरत।

- क) किं नद्यः स्वयमेव जलं पिबन्ति ?
- ख) सता विभूतयः किम् अस्ति ?

2. रिक्त स्थान पुरयन्तु।

- क) श्लोके जलं शब्दस्य पययिपदम् _____ अस्ति।
- ख) वारिवाहा शब्दस्य पययिपदम् _____ अस्ति।

3. भाषिककार्यम् :-

- क) खादन्ति शब्दे कः विभक्ति अस्ति ?
- ख) दुर्जनानां पदस्थ विलोम शब्दः किम् भवति ?

4. प्रश्न निर्माणं कुरुत।

- क) क्षुधा समं शरीर पीडनं नास्ति।
- ख) सफलं तस्य जीवितम्।
- ग) क्षमा समं शरीर रक्षणं नास्ति।
- घ) ते मर्त्य लोके भुवि भार भूता।
- ङ.) मनुष्य रूपेण मृगाश्चरन्ती।
- च) महात्मा बिठोवा असीत्।
- छ) महात्मा बुभुक्षितः अतिष्ठत्।
- ज) नागरिकः स्व अपराधः अनुभूतः।
- झ) नागरिकः गृहे कार्ये संलग्नः आसीत्।
- अ) महात्मा शांत भावेन अवदत्

5. केषा स्वराणाम् वृद्धिः, गुण, यण् च सन्धयः भवन्ति ?

6. सन्धि ,सन्धि विच्छेद च कुरुत।

- | | | | | |
|-------------|------------|-------------|-----------|--------------|
| क) जनोपयोगी | ख) तटोपरि | ग) नव+उदयः | घ) अथैकदा | ङ.) अद्यैव |
| च) उपैति | छ) जन+एकदा | ज) दिन+एकम् | झ) अत्यंत | अ) उपर्युक्त |

7 शब्द रूपाणि लिखित्वा स्मरयतु।

- क) राम, ख) मुनि, ग) साधुः

8 लट्, लृट् लकारयोः लिखित्वा स्मरयतु।

- क) पठ् , ख) भू धातु ।

परियोजना कार्यम् :-

1. चित्र निर्माणं कृत्वा विभक्ति, विभक्ति चिह्नं, कारकं च लिखित्वा रञ्जयतु।

SUBJECT-MATHEMATICS

Class - VIII

Subject- Mathematics.

Project :-

- 1). Life history of any Indian mathematics and his /her contribution in the field of mathematics.
2. Value of mathematics in your life and it's relationship with other subjects.

Note :- Write in a channel/stick file with decorative manner.

Homework :-

1. Find the amount and compound interest on ₹ 33,280 for three years if a rate of interest is $12\frac{1}{2}\%$ p.a. compounded annually.
2. Calculate the compound interest on ₹ 24000 for six month if the interest is payable quarterly at the rate of 8% per annum.
3. A certain sum amounts to ₹12,167 in three years at 15% per annum compounded annually .Find the sum.
4. In what time will a sum of ₹ 3,750 at rate 20% per annum compounded annually amounts to ₹ 6,480?
5. At what rate percent will a sum ₹ 64,000 be compounded to ₹68,921 in three years?
6. Three years ago, the population of a town was 50,000 . If the annual increase during three successive years was at the rate 4%, 5% and 4% per annum respectively, find the present population.

7. The population of a town is 64,000. If the annual birth rate is 10.7% and the annual death rate is 3.2%, calculate the population after three years.
8. What are Polynomials? Give examples.
9. What is the degree of the polynomial $(y^2+5)(y^3-3)$.
10. Divide $-4x^2+6x^3-13-5x$ by $2x$ using long division method. Also, write the quotient and the remainder.
11. Divide $3y^5+6y^4+7y^2+8y+9$ by $3y^3+1$ and check your answer.
12. If $(x-3)$ is a factor of the polynomial $(2x^2+x+k)$, find the value of k .
13. Solve $(3K-7) \div (4k+3) = 3/7$ and verify your answer.
14. Using long division method, check whether the second polynomial is the factor of the first polynomial. $4p^3-12p^2-37p-15$; $2p+1$.
15. What should be subtracted from the polynomial $x^2-16x+30$, so that $(x-15)$ is factor of the resulting polynomial?
16. A number 351 is divided into two parts in the ratio 2:7 . Find the product of these two numbers.
17. The numerator of a rational number is 3 less than its denominator. If the numerator is increased by 1 and the denominator is increased by 3, the number becomes $\frac{1}{2}$. Find the rational numbers.
18. The sum of the digits of a 2 digit number is 10 .The number obtained by interchanging the digits exceeds the original number by 36. Find the original number.
19. A steamer goes downstream from one port to another port in 6 hours .It covers the same distance of upstream in 7 hours . If the speed of the stream is 2 km per hour, find the speed of the steamer in still water.
20. Two years ago father was three times as old as his son and two years hence, twice his age will be equal to the five times that of his son. Find their present ages.

SCIENCE

SUBJECT- PHYSICS

Answer the following questions:-

1. Define refraction of light.
2. What are the rules for refraction of light?
3. What is the cause of refraction of light?
4. Define refractive index.
5. What are the rules for obtaining images by special lenses?
6. Define incident ray and refracted ray.
7. Why pencil appear bend when dipped in a glass of water?
8. What is the speed of light in vacuum?

Project: Draw the diagram refraction through a glass slab on the chart paper and label it.

SUBJECT:-: CHEMISTRY

Choose the correct option:---

- i) The material which on heating in presence of oxygen catches fire easily and produces heat and light energy is known as -----
a) combustible b) non- combustible c) conducting d) none
- ii) The lowest temperature at which a substance catches fire is called :--
a) boiling temperature b) freezing point c) ignition temperature d) none
- iii) The hottest Zone of a candle flame is :--
a) innermost Zone b) outermost Zone c) middle Zone d) none
- iv) The substance which undergoes spontaneous combustion is :--
a) wood b) coal c) sodium d) cow dung cakes
- v) A highly poisonous gas produced as a result of incomplete combustion:--
a) carbon dioxide b) carbon monoxide c) sulphur dioxide d) nitrogen dioxide
- vi) a) Assertion—The LPG can catch fire easily.
Reason – LPG have low ignition temperature
b) Assertion – water can be used to extinguish fire caused by electric short circuit.
Reason – water is a poor conductor of electricity.

2.) Answer the following questions in brief:--

- a) Define calorific value of a fuel.
b) State the conditions required for combustion.
c) Name the types of combustion with two examples each.
d) What happens when there is incomplete combustion.
e) Define a flame . What are the three Zones of a candle flame.
f) Why are gaseous fuels considered the best fuels ?
g) Calorific value of wood is 18,000 KJ / kg . How much wood is required to produce heat energy of 108,000 KJ ?
h) Name the chemicals used in soda- acid fire extinguisher.

PROJECT WORK :----

Draw a candle flame showing its different zones on a chart paper or thermocole.

SUBJECT- BIOLOGY

1. Which male reproductive organ produces sperm?
 2. In which female reproductive organ does the embryo get embedded?
 3. Do all animals give birth to individuals like humans?
 4. What is metamorphosis?
 5. What are the two general methods of reproduction in organisms?
 6. Which type of reproduction?
(a) Involves gametes?
(b) Does not involve gametes?
 7. What is meant by the terms internal fertilization and external fertilization? Explain with examples.
 8. What is the difference between viviparous animals and oviparous animals?
 9. Draw a labelled diagram of the human female reproductive system.
(a) Where in the human body does the egg gets fertilized?
(b) Where does the fertilized egg or Zygote developed into a baby in the human body?
 10. A mother gives birth to a baby, but the baby has the characteristics of both parents. How is this possible?
 11. Although two cells called gametes fuse, the product formed is a single cell called zygote. Justify.
- Project: Draw a well labelled diagram of Female reproductive system on a chart paper.

SOCIAL SCIENCE

(S.ST.)

SUBJECT – GEOGRAPHY

- 1) What is a mineral. Mention three main processes of mineral extraction.
- 2) Assess the importance of petroleum on the basis of its wide range.
- 3) What do you mean by the word 'agriculture'. Define with examples in wider terms.
- 4) Write the importance of agriculture. (5 points)
- 5) Which are the physical factors affecting agriculture. Explain
- 6) Explain types of agriculture with examples.
- 7) Differentiate between subsistence and economic agriculture.
- 8) What do you know about HYV ?
- 9) What is jhumming agriculture?
- 10) How organic farming is better than fertilizer farming ?

Map work

- I) On an outline map of the world show rice and wheat producing areas.
- II) On the political map of India show the following minerals -
Iron
Copper
Bauxite

Draw a picture of Non - Conventional source of energy.

SUBJECT:-HISTORY

- 1) Why did the British introduce railways in India?
- 2) How did some old trading centres lose their glory and become de-urbanized?
- 3) Describe the police organization of Lord Cornwallis.
- 4) Mention the main demands of the radical group of the Congress.
- 5) Describe the contribution of Subash Chandra Bose in the freedom struggle of India.
- 6) List the main features of the Lahore session of Congress in 1929.
- 7) Who were the moderates? What were their main demands?
- 8) Who framed the constitution of India and how.
- 9) State the main features of the Indian Independence Act 1947.
- 10) Mention any five basic features of India's Foreign policy.

SUBJECT:- CIVICS

A) Tick the correct option:-

1. Who among the following is the Head of the Union Government?
(a) The Prime Minister
(b) The President of India
(c) The Vice President of India
(d) The Chief Justice of India
2. The Supreme Commander of India's defence forces is-
(a) The Defence Minister of India
(b) The senior most among the Army Chief, Air Chief and the Naval Chief
(c) The Prime Minister of India
(d) The President of India
3. Which one of the following statements is true?
(a) The Union Home Minister acts as a link between the President and the Cabinet.
(b) The Vice President of India is not entitled to all the powers and privileges due to the President even if she/he is officiating.
(c) All the members of Rajya Sabha are entitled to vote in the Presidential election.
(d) The President of India is an integral part of Indian Parliament.
4. The President can dissolve the Lok Sabha on the advice of-
(a) The Speaker of Lok Sabha
(b) The Chairman of Rajya Sabha
(c) The Union Council of Ministers
(d) The Prime Minister of India

5. In case of certain extraordinary situations, the President can sanction money to the government out of-

- (a) Emergency fund
- (b) Contingency fund
- (c) Army welfare fund
- (d) Consolidated fund

6. What is the minimum age to become the vice president?

7. When the Vice-President is the acting President, he shall have-

- (i) All the powers and functions of both the President and the Vice-President.
- (ii) The President shall receive all allowances and privileges.
- (iii) To continue to function as Chairman of Rajya Sabha.

- (A) i, ii and iii
- (B) i and iii
- (C) i and ii
- (D) only ii

8. How are the members of Rajya Sabha elected?

9. What is the tenure of the Lok Sabha?

10. What is the tenure of the Rajya Sabha,?

11. Why do we need a parliament?

12. What is the role of the Prime Minister?

13. Discuss the circumstances under which the President can declare emergency in the country.

14. Assertion (A)-At the top is the Supreme Court that is located in New Delhi. The decisions made by the Supreme Court are binding on all other courts in India.

Reason (R)-In India, we have an integrated judicial system, meaning that the decisions made by higher courts are binding on the lower courts.

- i) Only A is correct
- ii) Both A and R are wrong
- iii) Both A and R are right
- iv) Both A and R are true and R is the correct explanation of A

15. Assertion (A)- It is the independence of the judiciary that allows the courts to play a central role in ensuring that there is no misuse of power by the legislature and the executive.

Reason (R)-we often hear of rich and powerful people in India trying to influence the judicial process

- i) Both A and R are wrong
- ii) Only A is correct
- iii) Both A and R are correct but R is not correct explanation of A
- iv) Both A and R are true and R is the correct explanation of A

16. India has a single unified and integrated judicial system.' Explain.

PROJECT WORK: Design a poster/advertisement to raise awareness about the different programmes (any one) launched by the government of for the welfare of the people.

SUB-COMPUTER/A.I.

- a. Write about the 10 Points of SDG (Sustainable Development Goals) decided in the year 2015.
- b. Compare and Write any five points of SDG decided in the year of 2023 by the G20 meeting in Delhi.

Project Work :

Use a channel file and write the programming in Python language for the followings:-

- 1. Write a program to find the Sum of two numbers.
- 2. Write a program to calculate the simple interest.
- 3. Write a program to swap two values.
- 4. Program to calculate the Compound Interest.
- 5. Program to calculate 20% discount on Sale value entered by the user.
- 6. Program to calculate the Total marks and average of given marks of three subjects.

SUB-DRAWING/ART

Collage painting

