Sree Ayyappa Public School

Affiliated to Central Board of Secondary Education, Delhi

Diwali Assignment-2022-23
STD. VIII

ENGLISH

1. Write an article on 'Save Environment' (Word limit in 100-120).

2. Write a debate on the given topic: "Do you think today's generation should be concerned about population growth". (Word limit in 100-120).

3. Read the story "The Snake and the Mirror". Now prepare a Word Wall of 20 difficult words that you learnt from the story.

4. Write a diary entry about an incident when you were disrespectful and disobedient to someone. (Word limit 100-120.)

5. Gather information about Rabindra Nath Tagore and his famous works and prepare a bio graphical sketch using the following hints:

   1). Name   2) Date of Birth   3) Education Qualification   4) Family
   5) Famous works   6) Achievements.

1. Change the Tenses of the Following Sentences, as Directed

a. The boy speaks the truth. (Present Continuous Tense)

b. Mr Cooper has spoken about Dinosaurs. (Present Perfect Continuous Tense)

c. Boat sailed yesterday. (Simple Present Tense)

d. Amy went to school yesterday. (Future Continuous Tense)

e. The baby cried for hours. (Present Perfect Continuous Tense)

2. Insert the correct form of the verbs in the blank spaces in the following sentences :
a. A good dictionary .... a lot. (cost)

b. These five chairs .... one thousand rupees. (cost)

c. Ten kilometres .... a long distance to walk. (be)

d. Sita .... next to my house. (live)

e. Bread and butter .... a wholesome food. (be)

3 Change the following sentences from active voice to passive voice.
a. The peon rang the bell.
b. Ram played hockey.
c. Miss Mary teaches us English.
d. Rita will take a photograph.
e. Who taught you this poem?
f. The police arrested the smuggler.
4. Edit the following passage by replacing the incorrect word with the correct one.

		Incorrect	Correct
Children love picnics and outings of their parents	(a)	_____	_____
though they are equally happier doing things with	(b)	_____	_____
them around the house. A parent may make	(c)	_____	_____
his child feels special by following some simple	(d)	_____	_____
rituals.			

5. Edit the following passage by replacing the incorrect word with the correct one.

Time is very precious than money.　(a) _____ _____

Money once lose can be regained　(b) _____ _____

but time once lost was lost forever.　(c) _____ _____

Time and tide waits for no one. A　(d) _____ _____

Lost opportunities may spoil one's life. (e) _____ _____

6. Rearrange the following words:-

(a) called / rose / the / queen /the / is / flowers / of

(b) widely / it / grown /is/ the / all / world / over

(c) 500 / there / about / are/ species / roses / of

(d) the / rose / persian/ best /is/ the

(e) brought / from/there / was/it/ India / to

7. You read in the newspaper about a baby girl found abandoned at the railway station. You are touched by the fact that people consider the girl child as a burden and not as an asset. Write an article for a magazine on 'Saving the Girl Child'. Take help from the hints provided. You are Neeraj Bhardwaj / Nikita Sinha.

Hints

a. Value and worth of girl child

b. Female foeticide

c. One million girls killed every year

d. Boy-girl ratio getting imbalanced

e. Girls will simply vanish from the face of the Earth

f. awareness in society to put an end to this social evil

8. Write an application for a week's leave to the Principal of your school as you are unable to attend school because of viral fever.

9. The story "The Snake and the mirror" is about a frightening incident is narrated in a humorous way. What makes it humorous?

10. What kind of house did the narrator reside in?

11. When does the narrator finally realize that he was a " poor, foolish and stupid young man" ?

12. What kind of a girl did the Doctor want to marry and why?

13. How was the narrator saved from the snake?

14. What was the Doctor's reaction when the snake coiled around his arms?

15. Write the Doctor's character sketch.

16. Where did the narrator of the story 'The Snake and the Mirror' life?

17. Who shared the room with the narrator in the story 'The Snake and the Mirror'?

18. What was the homeopath's first decision while sitting before the mirror?

19. What was his second earth-shaking decision?

20. What happened when the snake looked in the mirror?

SOCIAL SCIENCE

❖ *Activity Based:*

1. Find out schemes launched by the Central Government for the development of tribal people. (Collect information from other sources: Google, Textbook, Picture is compulsory showing Prime Minister and Chief Minister starting development program of tribal)
   ➢ To be done in A4 size sheet.

❖ **Answer the following questions.**

2. What is Question Hour and Zero Hour?
3. What is a Bill?
4. Describe how a bil becomes a law?
   ➢ Do it in thin copy.

Answer the following questions:-

1. Give two examples of revolts organised by discontented landlords.
2. Name the ruler who was deposed when the British annexed Awadh.
3. Who can vote in Lok Sabha elections?
4. Why is voting done by secret ballot?
5. What is the budget? What does it show?
6. Which high officials can be impeached by the Parliament?
7. Give a possible reason why many educated Indians did not join the Revolt of 1857.
8. How did the position of the Governor General change after the Revolt of 1857?
9. Why was Awadh annexed? Why was this looked upon as an act of betrayal?
10. Discuss why the Revolt of 1857 can be called a war of independence.
11. What did the British do to win the loyalty of the orthodox Indians after the revolt of 1857?
12. Who forms the government after The Lok Sabha elections?
13. Who is the Chairman of the Rajya Sabha? Why is he called an ex-officio Chairman?
14. What is the purpose of the protection of women from Domestic Violence Act, 2005?
15. Mention some differences between the Lok Sabha and Rajya Sabha.
16. Discuss why the sepoys were discontented.

SCIENCE

1. Make a thunderstorm safety poster showing "Do's and Don'ts" during thunderstorm.
2. With the help of diagram show the working of the lightning conductor in high buildings.
3. a) Draw the structure f a candle flame and label different zones.

   b) What type of combustion s the burning of crackers?

4. List the precautions should be taken during burning of crackers and enlightening diyas and candles.
5. Make a 3-D modal of plant cell or animal cell.

PHYSICS

1. Why should a person not stand under a tree during a thunderstorm?
2. List three states in India where earthquakes are more likely to occur.
3. How will you charge a glass rod by the method of friction?
4. Suggest three measures to protect ourselves from lightening.
5. What are the various effects of an earthquake?
6. Name the three layers of earth.
7. a) What is an electroscope?

   b) Draw a labeled diagram of an electroscope.

CHEMISTRY

1. What is meant by "combustion". Explain with an example.
2. An electric spark is struck between two electrodes placed near each other in a closed tank full of petrol. Will the petrol catch fire? Explain your answer.
3. Name the various zones of a candle flame.
4. Differentiate between rapid combustion, slow combustion and spontaneous combustion.
5. What are combustible substance? Give two examples.
6. How will you show that air (oxygen) is necessary for combustion?
7. When a lot of dry powder of a substance is released over a fire, the fire get extinguished.
   a) Name the substance X
   b) How does this substances extinguished the fire?
   c) Name another substance which behaves like X.

BIOLOGY

1. Cell is the basic structural and functional unit of life. Explain.
2. Which organism is more efficient in its functioning --- unicellular or multicellular? Why?
3. Why chloroplast will not be found in the root cells of a plant? Explain.
4. Draw a well labeled human nerve cell. What function do nerve cell perform?
5. State three differences between plant cell and animal cell by showing in diagram.
6. X and Y are the two types of cells. The cell X have a well organized nucleus which is separated from the cytoplasm by the nuclear membrane. On the other hand cell Y do not have a real nucleus, their nuclear material is in direct contact with the cytoplasm.
   a) What type of cell are i) X and ii) Y ?
   b) Give one example each of cells like i) X and ii) Y .

MATHEMATICS

1. Make lamps, candles, decorative items using the concept of mensuration.
2. Write the process of opening bank account of different schemes where S.I. and C.I. is used.
3. Do any 3 lab manual activities from final portion.

1. A shopkeeper purchased 200 bulbs for Rs.10 each. However, 5 bulbs were fused and had to be thrown away. The remaining were sold at Rs 12 each. Find the gain or loss per cent.
2. A second hand Tv is for Rs 2500. And then Rs 500 was spent on its repair and sold for Rs. 3300. Find profit/loss percent.
3. What amount has to paid to on a loan of Rs 12000 for 1½ years at 10% p.a compounded half yearly?
4. The population of a city was Rs20,000 in 1997. It increased at the rate of 5% per annum. Find the population of city at the end of the year 2000.
5. A fan is marked at Rs 15600 and it is available for Rs 12480. Find the discount and discount percent.
6. Convert 3/8 as percentage.
7. What should be the price of the box which was Rs 25000 last year and it increased by 20% this year.
8. Obtain the volume of rectangular boxes with the following length, breadth and height respectively.
   (i) 5a, 3a 2 , 7a, 4a   (ii) 2p, 4q, 8r

9. Subtract $4p^2q - 3pq - 3pq + 5pq^2 - 8p + 7q - 10$ from $18 - 3p - 11q + 5pq - 2pq^2 + 5p^2q$

10. What is the formula to calculate the compound interest.

11. Subtract $4a - 7ab + 3b + 12$ from $12a - 9ab + 5b - 3$

12. Add the following.

   (i) $ab - bc$, $bc - ca$, $ca - ab$ (ii) $a - b + ab$, $b - c + bc$, $c - a + ac$

13. What should be the sales tax when cost of doll us Rs750 and sales tax is charged 5%. Also find bill amount.

14. A sum of Rs 10,000 is borrowed at a rate of interest 15%p.a. for 2 years. Find simple interest and the amount to be paid at the end of 2 years.

15. Mario invested Rs 8,000 in a domain. She would be paid interest at 5% per annum calculated annually. Find the amount credited against his name at end of third year.

16. The cost of shoes was Rs. 700. The sales tax charged was 10%. Find the bill amount.

17. What should be price before VAT of a pair of shoes for Rs 300 including a tax of 10%.

18. Vanshika got 150 out of 200 and Sakshi got 120 marks out of 180. Whose performance is better.

19. The population of a place increased to 8,82,000 in 2005 at a rate of 5% per annum
(i) find the population in 2003.

(ii) what would be its population in 2007?

20. Obtain the product of:
(i) xy, yz, zx   (ii) $a, -a^2, a$ (iii) $2, 4y, 8y^2, 16y^3$ (iv) a, 2b, 3c, 6abc

COMPUTER
I. Guess who am I:-
a) I can track your loved one's daily routine and alert you about serious disruptions.

b) I am the study of methods by which computers can recognise and understand spoken or written human languages.

c) I was the first expert system that analysed geological data to identify and locate mineral deposits.

d) I am an app which takes you to a tour to the sky and super impose the names of stars and planets on the image.

e) I am a technology used to train bus drivers and pilots.
II. Define:-
a) Artificial intelligence
b) Augmented reality
c) Internet of things
d) Virtual reality
e) Robotics process automation

III. Answer the following:-
a) Explain any three methods of 3D printing.
b) Write briefly about the sixth sense device.
c) What is mimo monitor? How it works?

IV. PROJECT WORK

Make picture collage on digital celebration of chhath.

OR

Write on grab of artificial intelligence on Diwali shops along with the pictures.

Note: - Attach the print out of the project work in a stick file with a proper cover page.

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1. निम्नलिखित प्रश्नों के उत्तर लिखिए :–

   (क) लेखक को साइकिल चलाना सीखने की धुन क्यों सवार हुई ? उन्होंने क्या निश्चय किया ?

   (ख) उस्ताद ने जब लेखक को साइकिल पर चढ़ाकर छोड़ दिया तो लेखक का क्या हाल हुआ ?

   (ग) कर्मवीर कविता के आधार पर सच्चे कर्मवीर के लक्षण बताइए।

   (घ) व्यक्ति के कर्म, उसके जीवन में क्या–क्या परिवर्तन ला सकते हैं ? कर्मवीर कविता को आधार बनाकर लिखिए।

   (ङ) भोजन की थाली अपने सम्मुख देख बूढ़ी काकी की मनोदशा का वर्णन अपने शब्दों में लिखें।

   (च) बुद्धिराम का दुर्व्यवहार दर्शाने वाली चार बातें लिखिए।

   (छ) ''बुजुर्ग आदर–सम्मान के पात्र होते हैं, दया के नहीं''इस सुवचन पर अपने विचार लिखिए।

   (ज) बीर पर, अमीरी का नशा चढ़ने की घटनाओं का उल्लेख कीजिए।

   (झ) बीर महात्मा गाँधी का 'कुँअर चेला' कैसे बन गया था ?

2. महिला सशक्तीकरण पर संकेत बिंदु के आधार पर 150–200 शब्दों में एक अनुच्छेद लिखे।

   <u>संकेत बिन्दु</u> :

   - प्रस्तावना   • महिलाओं का जीवन   • महिला सशक्तीकरण
   - महिलाओं की बढ़ती भूमिका   • उपसंहार

3. छात्रावास में रहने वाली अपनी छोटी बहन को फैशन की ओर अधिक रुझान न रख, ध्यानपूर्वक पढ़ाई करने को सीख देते हुए लगभग 80–100 शब्दों में पत्र लिखिए।

4. दो दोस्तों के मध्य अपनी पहली रेल यात्रा के अनुभव को साझा करते हुए लगभग 25–50 शब्दों में संवाद लिखिए।

5. 'प्रतिहिंसा' शब्द में से उपसर्ग और मूल शब्द अलग कीजिए।

6. निम्नलिखित समस्त पदों का विग्रह करके समास का नाम लिखिए।

   (क) विषधर   (ख) आमरण   (ग) पंचवटी   (घ) रात–दिन

7. प्रेरणार्थक क्रिया किसे कहते हैं? उदाहरण द्वारा स्पष्ट कीजिए।

8. नीचे दिए गए शब्दों के पर्यायवाची शब्द लिखिए।

   (क) तरंगिणी   (ख) वारिद   (ग) सुरभि   (घ) सारंग   (ङ) नागहारी

9. नीचे दिए गए शब्दों के विलोम शब्द लिखें।

   (क) अनिवार्य   (ख) निरक्षर   (ग) परोक्ष   (घ) गद्य   (ङ) वैतनिक

10. दिए गए, अनेक शब्दों के एक शब्द लिखें ।

    (क) जिसको जीतना कठिन हो

    (ख) बिना किसी विरोध के

    (ग) पचास वर्ष पूर्ण होने पर मनाया जाने वाला उत्सव

    (घ) जिसकी मीन जैसी आँखें हो

11. पुरूषवाचक सर्वनाम के भेद व उनका एक–एक उदाहरण लिखिए।

12. प्रविशेषण से आप क्या समझते हैं? दो वाक्य बनाकर बताइए।

<u>समाप्त</u>

वर्गः– अष्टम्   विषय :– संस्कृत

खंड – क व्याकरणम्

1. अनुच्छेदं पठित्वा प्रश्नानाम् उत्तराणि लिखत –

आधुनिक काले पर्यावरणं पूर्णरूपेण परिवर्तितं जातम्। कदाचित् अतिशीतं भवति कदाचित तु उष्णतयाः वातावरणं भवति। पर्यावरण पूर्णतया परिवर्तितम् एवं। अधुना तु शीत–ऋतौ अपि शीतः न भवति अपितु शीतः तदनन्तरम् एव भवति। वर्षा–ऋतोः अनन्तरं भवति। अधुना तु पर्यावरणस्य कालः तू परिवर्तितः एव।

I. एकपदेन उत्तरत –

(i) आधुनिककाले किम परिवर्तितम जातम् ?

(ii) किं पूर्णतया परिवर्तितम् एवं।

(iii) अधुना तु कस्य कालः परिवर्तितः एव।

(iv) कदा पर्यावरणं पूर्णरूपेण परिवर्तितं जातम् ?

(v) का अपि वर्षा–ऋतोः अनन्तरं भवति।

2. संस्कृतभाषायाम् अनुवादः कुरुत –

(1) श्यामा पुस्तक पढ़ती है।

(2) अध्यापिका पढ़ाती है।

(3) मछली जल में तैरती है।

(4) गीता नाचती है।

3. निम्नलिखित अंकों के संस्कृत शब्द लिखें –

10, 12, 4, 2

4. निम्नलिखित के शब्दरूप लिखें –

(i) 'लता' शब्द प्रथमा विभक्ति

(ii) 'कवि' द्वितीया विभक्ति

(iii) 'पुष्प' पंचमी विभक्ति।

(iv) 'बालक' चतुर्थी विभक्ति

5. निम्नलिखित के धातुरूप लिखें –

(i) 'नम्' धातु प्रथम पुरुष लङ् लकार ।

(ii) 'पठ्' धातु उत्तमपुरुष लृट् लकार

(iii) 'गम्' धातु मध्यम पुरुष लट् लकार

P.T.O

6. शब्दार्थः लिखत –

   नार्यः, मिलित्वा, अवनतिः अभियन्ता, अद्यत्वे

7. एकपदेन उत्तरत –

   (क) अस्माकं समाजः कीदृशः वर्तते ?

   (ख) कुरीतीनां मूलकारणं किम् अस्ति ?

   (ग) अद्यत्वे कन्याः कान् अलंकुर्वन्ति ?

   (घ) अस्माभिः केषां संरक्षण करणीयः ?

8. (i) दीपावली में प्रयुक्त होने वाले 4 वस्तुओं के नाम संस्कृत में लिखें।

   (ii) छठ में प्रयोग में आने वाले 4 वस्तुओं के नाम संस्कृत में लिखें।

9. प्रश्न निर्माणं कुरत –

   (क) अस्माकं समाजे पुत्राः श्रेष्ठाः सन्ति।

   (ख) निरंतरं पुरुषाणाम् संख्यायांवृद्धिः भवति।

   (ग) शिक्षितराज्येषु एषा कुप्रथा नगण्या अस्ति।

   (घ) भारतसर्वकारेण एका योजना प्रचालिता।

10. निम्नलिखित के संधिविच्छेद करें –

   (i) सर्वोपरि

   (ii) सर्वोच्चम्

   (iii) अद्यापि