ST. PAUL'S KINDERGARTEN, BHOPAL

HOLIDAY HOMEWORK

NURSERY

ENGLISH (Oral) :

1. **A for Apple**

   B for Ball

   C for Cat

   D for Dog.

2. **Rhymes – Johny johny (page no: A.2)**
   Cobbler cobbler (page no: A.4)

MATHS (Oral) :

1. **Number 1 to 5.**

GK (Oral) :

1. **Fruits name**
2. **Dried fruits**

HINDI (Oral) :

1. **Rhyme -** डॉक्टर भैया

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ST. PAUL'S KINDERGARTEN, BHOPAL

HOLIDAY HOMEWORK

KG I

ENGLISH :

1. Trace the standing lines, sleeping lines, slanting lines, trace the curves.
2. Semester – 1 book (page no. 3, 4, 5, 6)
3. Trace the letters A, B, C, D, E
4. Semester – 1 book (page no. 9, 10, 11, 13, 14, 15, 17, 18, 19, 21, 22, 23, 24, 25, 29, 30, 31).

MATHS :

1. Trace the numbers from 1 to 10.
2. Semester – 1 book (page no. 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 101, 102, 103, 104, 105, 108, 109, 110, 111, 118, 119).

EVS : Activity – Cut and paste different body parts on plastic spoon (as shown in the picture below) and paste it on A4 size paper.

HINDI (O) : Rhyme (कविता) -

1. सवेरा

2. बढ़ते कदम

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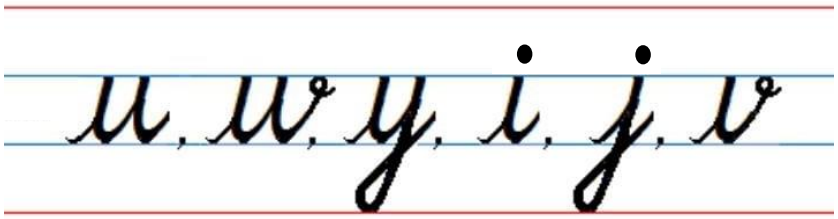
ST. PAUL'S KINDERGARTEN, BHOPAL

HOLIDAY HOMEWORK

KG II

ENGLISH (Written) : **Small cursive - u, w, y, i, j, v**



ENGLISH (Oral) : **Rhyme – Pat a cake**

MATHS (Written) :

1. **Counting 1 to 100.**
2. **Semester -1 book (page nos. 93, 94, 95, 101, 106, 110, 111, 115, 118, 120, 121, 122, 123, 125, 126, 127, 130, 131).**

MATHS (Oral) : **Table of 2**

EVS (Oral) : **Learn the spellings of body parts, vegetables and fruits.**

HINDI (Oral) :

कविता - 1. चिड़िया मुझे बना दे दाता

2. बरखा

पठन - स्वर ज्ञान (page no. 3, 5, 6, 7)

HINDI (लेखन) -

1. अ से अ: तक लिखिए | (2 times)

2. क से श्र तक लिखिए | (2 times)

3. जोड़कर लिखिए :-

1. ट + ब =
2. क + ल =
3. न + म + क =
4. भ + ज +न =
5. प + व + न =
6. अ + द + र + क =
7. क + स + र + त =
8. श + र + ब + त =

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St Paul's CO-ED School,Bhopal

Holiday Assignment (2022-23)

CLASS 1

ENGLISH

1. Practice writing small letters and capital letters (cursive writing).
2. Learn and write three letter words in the English notebook.
3. Draw and colour a rainbow and write the names of colours in a A-4 size sheet.
4. Learn and write the names of five fruits and vegetables in the English notebook.
5. Draw and colour your favourite fruit on an A-4 size sheet.
6. Complete page no. 2 to 10 of cursive writing book(Quick Write Class-1).

EVS

1. Do page no.2 in Semester book (EVS).
2. Learn and write the names of10 parts of body and 5 sense organs in EVS notebook.
3. Learn and write any 4 polite words in EVS notebook.
4. Prepare a family tree on a A-4 size sheet with the help of coloured papers and paste photos of your family members.(take help from page no. 16 in Semester 1 book EVS)

MATHS

1. Number names – 50 to 150
2. Numerals – 100 to 300
3. Tables – Learn tables of 2, 3 and 4
4. Practice Addition and Subtraction (single digit)

Note – Do all the Maths work in 'three in one ' notebook

HINDI

ग्रीष्म अवकाश कार्य

कक्षा-पहली

कक्षा कॉपी कार्य

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1. वर्णमाला

वर्णमाला माला लिखिए ।

2. व्यंजन

स्पर्श व्यंजन लिखिए ।

3. ऊष्म व्यंजन लिखिए

औऱ एक- एक चित्र चिपकाइए ।

4. *अन्तःस्थ व्यंजन लिखिए

औऱ एक -एक चित्र चिपकाइए ।

5• *संयुक्त व्यंजन* लिखिए

(चारों संयुक्त व्यंजन के चित्र

चिपकाइए ।

6. प्रोजेक्ट कार्य

रंगीन कागज़ की सहायता

से स्वर के वर्णों (अक्षरों)से

भरा पेड़ बनाकरA4साइज़

शीट में चिपकाइए।

ST.PAUL'S CO-ED SCHOOL ANAND NAGAR BHOPAL

HOLIDAY ASSIGNMENTS

CLASS- 2 (2022-23)

SUBJECT: ENGLISH

1. Write alphabets A to Z both capital and small letters cursive writing one page each every day.
2. Write and learn rhyming words (5 times) done in the classwork copy.
3. Write and learn three letter words (3 times) given in the classwork copy.

NOTE: Write the holiday assignments in 3-in-1 copy.

SUBJECT- MATHS

1. Write counting 1 to 99 (one time).
2. Write number names 1 to 99 (two times).
3. Write backward counting 10 to 1 (one time).
4. Learn and write tables 2 to 5 (two times).

NOTE: Write the holiday assignments in 3- in 1 copy.

SUBJECT-EVS

1. Draw, learn and write five sense organs (two times)
2. Learn and write external body parts (two times)
3. Unscramble the letters to get meaningful words (two times) given in the classwork copy.
4. Learn and write fill in the blanks(two times) given in the classwork copy.

NOTE: Write the holiday assignments in 3-in-1 copy.

ग्रीष्म अवकाश कार्य

कक्षा-दूसरी

कक्षा काॅपी कार्य

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१. स्वरों के चित्र चिपकाकर स्वर लिखिए।

२. व्यंजन -

क. स्पर्श व्यंजन लिखिए।

ख. अंतस्थ व्यंजन लिखिए।

. उष्म व्यंजन लिखिए।

३.संयुक्त व्यंजनों के चित्र चिपकाकर संयुक्त व्यंजन लिखिए।

प्रोजेक्ट कार्य

A4 **साइज़ शीट में रंगीन कागज़ की सहायता से वर्णों** (**अक्षरों**) **की माला बनाकर चिपकाइए।**

ST PAUL ‘S CO ED SCHOOL , ANAND NAGAR BHOPAL

HOLIDAY ASSIGNMENT (2022-23)

CLASS - 3

ENGLISH-

1) Practice cursive handwriting daily in a separate copy with the date (4 lines copy).

2) Practice reading of one page daily.

3) **Project** - Draw or paste any five pictures showing singular and plural on an A4 size sheet.

E.g. □. □□□□

Ball. *Balls*.

HINDI –

सुलेख अभ्यास- गृह कार्य कॉपी में मधुप पाठ्य पुस्तक से एक पेज प्रतिदिन लिखकर प□न अभ्यास करें। प्रत्येक पेज पर दिनाक और दिन अवश्य अ□कित करें ।

1. व्याकरण वाटिका पुस्तक का पा□ 1 और 2 का अभ्यास कार्य पूर्ण करें।

2. गतिविधि - अनुस्वार एव□अनुनासिक के शब्द लिखकर चित्र चिपकाए ।(कोई पाँच)(A4 size sheet)

3. परियोजना कार्य- स्वरो□की मात्राएँ लिखकर उससे बनने वाले कोई दो शब्द के चित्र चिपकाए।(A4 size sheet)

MATHS -

1. Write and learn multiplication tables from 2 to 10.
2. Draw or paste any 5 objects showing different geometrical shapes (square, triangle, circle, rectangle etc).
3. Draw clocks to show the given time.

a) 4 O'clock.
b) Half past 9

4. Write the number names for the following numbers.

a) 1305
b) 9845
c) 5007
d) 7600
e) 8064

Note:-
* Do question number 1 and 4 in your Maths notebook.
* Question number 2 and 3 in A4 size sheets.

ENVIRONMENTAL STUDIES -

1) In your E.V.S fair copy , draw and colour all the five sense organs of the body and name/label them.
2) On an A-4 size sheet , stick two pictures of Internal organs and External organs each.
3) Write and learn any three ways to keep our surroundings clean and green in your rough copy.

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St. Paul's Co - Ed school, Anand Nagar Bhopal

Holiday homework 2022-23

Class – IV

English

● Practise cursive handwriting one page everyday in a thin separate copy (four) lines with the date.

● Practise reading one page everyday (any subject).

● PROJECT :

1) Define noun and state its kinds with two examples each along with pictures on the charge sheet.

2) Right five masculine gender, five feminine gender and five neuter gender along with the pictures (draw or paste).

Hindi (हिंदी)

● एक सुलेख कॉपी बनाकर प्रतिदिन मधुप पुस्तक से एक पेज लेखन अभ्यास कीजिए। प्रत्येक पेज पर दिनांक और दिन अंकित करें।

● व्याकरण वाटिका पुस्तक के पाठ 1 और 2 का अभ्यास पेंसिल की सहायता से पूर्ण करें।

● संयुक्त व्यंजन , द्वित्व व्यंजन , 'र' की मात्रा (रेफ़, पदेन, ट्र, ड्र) के शब्दों के दो-दो उदाहरण देते हुए A4 size sheet पर चित्र चिपकाए।

● अनुस्वार , अनुनासिक , विसर्ग, आगत ध्वनि(ऑ, नुक्ता) के दो - दो उदाहरण देते हुए A4 size sheet पर चित्र चिपकाए।

MATHEMATICS

● Draw place value chart upto ten thousands.

● Make calendar for the month of June.

● Learn and write multiplication tables from 2 to 10.

● Paste any 3 pictures that representing centimetre and metre. (Do in rough copy)

Science

● Make a food pyramid by pasting pictures of various food items in an A-4 size sheet.

● Paste dried leaves of different plants in an A4 size sheet.

SOCIAL STUDIES

● Learn all the 28 States and their capitals, also 8 Union territories and their capitals.

● On the Political map of India locate all the 28 states.

● On the Physical map of India locate all the six physical features.

ST.PAUL'S CO-ED SSCHOOL ANAND NAGAR, BHOPAL
Holiday Homework 2022-23
Class - V

ENGLISH

1. Practice cursive writing one page every day with date.
2. Practice reading one page every day.
3. Draw a flow chart showing different parts of speech with one example each.

HINDI

1.1.सुलेख अभ्यास-गृहकार्य कॉपी में मधुप पाठ्य पुस्तक से एक पेज़ प्रतिदिन लिखकर पठन अभ्यास करें।

2.व्याकरण वाटिका पुस्तक का पाठ -1 और पाठ - 2 का अभ्यास कार्य पुस्तक में पेंसिल से पूर्ण करें।

गतिविधि - भाषा के प्रकार के चित्र चिपकाकर उनके नाम लिखिए।

परियोजना कार्य - अनुस्वार,अनुनासिक,विसर्ग,

आगत स्वर और आगत व्यंजन से बनने वाले दो - दो शब्द लिखकर उनके चित्र चिपकाइए।(A 4 साइज़ शीट में)

MATHEMATICS

1. Write even and odd numbers upto 100.Put circle on odd numbers and give blue color ,put square on even numbers with pink color.(Do it in an A4 size sheet.)
2. Write Roman numbers 1 to 50.
3. Make place value chart up to lakhs.
4. Learn and write multiplication tables 1 to 12.
5. Draw and colour–Triangle, Square, rectangle and circle.

Note:-Do Question number **2,3,4** and **5 in rough copy.**

SCIENCE

1. Make model of a kidney showing functions of filtration.(By using materials like cotton, straw, thread etc- Do in A4 size sheet)
   Refer Science book page no.43
2. Make a food pyramid in A4 size sheet by pasting pictures of food items.
   Refer Science book page no.29

SOCIAL STUDIES

1. Learn all the 28 States and 8 union territories with their capitals.
2. On the physical map of the world locate and label all the seven continents and five major oceans.
3. Draw the parallels of latitude in your social studies fair copy.

ST PAUL'S CO-ED SCHOOL, BHOPAL
ACADEMIC SESSION 2022-23
HOLIDAY HOMEWORK
CLASS – VI

English

Activity 1 - Design an attractive thanks giving card for your grandparents. And write words of gratitude for him/her.

Hindi

1. प्रतिदिन 5 पंक्तियाँ नियमित रूप से सुंदर अक्षरों में लिखने का अभ्यास कीजिए।

2. किन्हीं 20 शब्दों को (समानार्थीशब्द) अर्थ सहित लिखिए ।

3. किन्हीं 20 शब्दों के विलोमशब्द लिखिए ।

4. पत्र लेखन - प्राचार्य महोदय को अवकाश हेतु प्रार्थना पत्र लिखिए।

5. भीषण गर्मी में भूख - प्यास से व्याकुल पशु - पक्षियों की सहायता आप कैसे कर सकते हैं। अपने विचार व्यक्त कीजिए।

6. लॉकडाउन में व्यतीत हुए खट्टे मीठे अनुभव को अपने शब्दों में लिखिए।

7. "संगठन में शक्ति है" सचित्र प्रदर्शित कीजिए।

Sanskrit

1. संस्कृत वर्णमाला लिखिए।

2. उच्चारणस्थान की तालिका बनाईए।

3. लिंग और वचन को परिभाषित करते हुए चित्र द्वारा प्रदर्शित कीजिए।

4. पठ् , हस् धातु के रूप - लट् , लृट् , लंग इन तीनों लकार में लिखिए ।

अकारान्त " बालक" शब्द की कारक रचना कंठस्थ कीजिए।

Maths

1. Paste any 5 symmetrical objects and draw its line of symmetry. (Activity)
2. Evaluate :-

a. 5677432 + 234897 – 342108 b. 675432 – 342109 + 256712
c. 5566432 – 3452167 – 256789 d. 8432167 + 1020304 – 7989795

3. Multiply the following:-
   a. 2349 x 304 b. 30456 x 54
   c. 56780 x 63 d. 8761 x 317

4. Divide the following:-
   a. 405067 ÷ 48 b. 356078 ÷ 230 c. 980765 ÷ 120

5. Find the HCF of the following:-
   a. 20, 30 & 50 b. 8, 32 & 64 c. 21, 45 & 60

6. Find the LCM of the following:-
   a. 15, 30 & 45 b. 14, 18, & 22 c. 40, 60 & 72

7. Evaluate:-
   a. 60.04 + 32.32 d. 206.23 – 109.12
   b. 432.05 + 202.56 e. 115.6 - 87.9
   c. 92.08 + 112.312 f. 70.7 – 60.61

8. Solve:-
   a. $\frac{2}{7} + \frac{3}{7}$ b. $\frac{8}{9} + \frac{3}{9}$ c. $\frac{7}{9} - \frac{2}{9}$ d. $\frac{4}{5} - \frac{2}{5}$
9. Make 2 pictures of any animals, birds or insects using leaves (leaf art) (PROJECT)

Science

1. Paste pictures of any 4 dishes and name their ingredients. Select one dish each of 4 different states in India.
2. Draw two examples of each of the edible part of the plant which are eaten as roots, leaves, fruits and flowers.

(Both the activities are to be done in science copy)

Social Science

1. Map practice - States and Union Territories of India
2. Make a clay plant fossil implant
3. Draw solar system and milky way galaxy using glitter.

4. Make a model of ancient coins using materials available at home.
   (all the above activities are to be recorded in a scrap book.

ST PAUL'S CO-ED SCHOOL, BHOPAL
ACADEMIC SESSION 2022-23
HOLIDAY HOMEWORK
CLASS – VII

English

Activity 1 - Create a travelogue of your own travel trip history. Compile it in a book and give that book a name.

Hindi

1. मौखिक कार्य - प्रतिदिन 2 या 3 पृष्ठ नियमित रूप से पढ़े।

2. लेखन कार्य - प्रतिदिन 5 पंक्तियाँ सुन्दर अक्षरों में लिखने का अभ्यास कीजिए।

3. क. पत्रलेखन - वैक्सीन के महत्व को बताते हुए माता जी को पत्र लिखें ।

ख. लंबे अन्तराल के बाद शाला खुलने पर अपने अनुभव को बताते हुए मित्र को पत्र लिखें.

4. अनुच्छेद - ग्रीष्म अवकाश में की गई किसी रमणीय स्थल की यात्रा पर अनुच्छेद लिखिए

5. विज्ञापन - गर्मी से राहत दिलाने वाले किसी शीतल पेय का आकर्षक विज्ञापन बनाइए।

6. परियोजना कार्य - वंश वृक्ष बनाकर संयुक्त परिवार के महत्व के संबंध में अपने विचार लिखिए।

Sanskrit

1. संस्कृत भाषा की वर्णमाला लिखते हुए कारक एवं चिह्न को लिखकर याद करें।

2. 'तत्' एवं 'एतत्' के शब्द रूप तीनों लिंगो में लिखें एवं याद करें । 'खाद्' एवं 'चर्' धातु के रूप पाँचों लकारों में लिखें एवं याद करें।

3. संस्कृत संख्यावाची शब्द (1 से 50 तक) लिखें एवं याद करें।

4. पाठ 1 के श्लोकों को लिखें एवं याद करें।

5. परियोजना कार्य - किसी समाज सेविका का सचित्र परिचय दीजिए।

Maths

1. Cut and paste the shapes of triangle and square to show rotational symmetry. (Activity)
2. Make a model of a wind mill (Firki) (PROJECT)
3. Solve:-
   a. $1\frac{1}{10} + 2\frac{2}{20}$
   b. $1\frac{3}{5} + \frac{5}{8}$
   c. $6\frac{1}{6} - 3\frac{1}{3}$
   d. $4\frac{2}{15} - 3\frac{1}{5}$

4. Solve:-
   a. 92.08 + 100.08
   b. 231.1 + 98.09
   c. 343.29 – 0.33
   d. 73.7 – 59.569

5. Find the HCF of the following:-
   a. 250 and 520
   b. 36, 48 and 72
   c. 125 and 245

6. Find the LCM of the following:-
   a. 60, 80, 120
   b. 48, 72, 80
   c. 14, 28, 35

7. Construct the following:-
   a. 60^0 b. 30° c. 120° d. 90°
   e. 45° f. 135°

8. Find the perimeter of the square with sides:-
   a. 6 cm b. 1.5 km

9. Find the area of the rectangle with:-
    a. Length = 80 cm, breadth = 60 cm
    b. Length = 15 m, breadth = 20 m

Science

1. Make a collage on the different modes of Heterotrophic Nutrition in plants. (4 modes). Define each of the mode of nutrition. Give one example of each.
2. Draw a well labeled diagram of a cell. (page no 2)

(Both the activities are to be done in the science notebook)

Social Science

1. Make a manuscript using leaves available in your surrounding.
2. Make a book mark showing monuments and sculptures of chola period.
3. Make a clay plant fossil imprint.
4. Map practice – States and Union Territories of India
   (All the above activities are to be recorded in a scrap book)

ST PAUL'S CO-ED SCHOOL, BHOPAL
ACADEMIC SESSION 2022-23
HOLIDAY HOMEWORK
CLASS – VIII

English

Activity 1 - Write a film review of any of the Kungfu Panda / Ice Age movies that you have seen.

Hindi

1. क. पत्र - वैक्सीन लगवाने का अनुभव साझा करते हुए मित्र को पत्र लिखिए।

ख. अपने आस पास के क्षेत्र की सफाई व्यवस्था के लिए नगर पालिका अध्यक्ष को पत्र लिखिए।

2. अनुच्छेद - बुजुर्ग हमारे अनमोल निधि है। उनका आदर करना हमारा कर्तव्य है। 'बुजुर्गों का सम्मान' इस विषया पर अपने विचार लिखिए।

3. विज्ञापन - दिए गए विषय पर आकर्षक विज्ञापन बनाईए।

   1. पर्यावरण संरक्षण
   2. शीतल पेय

4. अपने बच्चों की पढ़ाई के विषय में चर्चा करते हुए दो माताओं के बीच होने वाले संवाद को लिखिए।

Sanskrit

1. पंचतंत्र की किसी भी कहानी का सचित्र वर्णन पुस्तिका में कीजिए।

2. चर् , गम् (गच्छ) धातु - के रूप पाँचो लकार में लिखें।

3. अस्मद् एवं युष्मद् के शब्दरूप तथा 'इदम्' शब्द के रूप तीनों लिंगों में लिखिए एवं कण्स्थ कीजिए।

4. 01 से 70 तक गिनती संस्कृत शब्दों में लिखिए।

5. कारक के नाम एवं चिह्न लिखिए तथा बालक , लता, मति, नदी के शब्दरूप याद कीजिए।

6. पाठ 1 के श्लोक याद कीजिए।

Maths

1. Prove angle sum property of a quadrilateral by paper cutting and pasting method. (Activity)
2. The product of two rational number is $-\frac{28}{81}$. If one of them is $-\frac{2}{3}$, then find the other.
3. The perimeter of a rectangular field is 240m. If its length is 90m. Find (i) its breath (ii) its area.
4. Express each of the following as product of powers of their prime factors:

(i) 405	(ii) 504	(iii) 500	(iv) 144
(v) 225	(vi) 729	(vii) 147	(viii) 1024
(ix) 384	(x) 3125		

5. Construct the following:-

a. 60^0	b. 120°	c. 90°	d. 30°	e. 45°
f. 75°	g. 105°	h. 135°	i. 15°	j. $22\frac{1}{2}^o$

6. A. Subtract the sum of:- $-3x^3y^2 + 2x^2y^3$ and $-3x^2y^3 - 5y^4$ from $x^4 + x3y^2 + x^2y^3 + y^4$

   B. If $P = 2x^2-5x+2$, $Q = 5x^2+6x-3$ & $R = 3x^2 - x - 1$,

   Find the value of 2P-Q+3R
7. Make nets of 30 shapes (any one):-
   a. Cube
   b. Cuboid
   c. Pyramid

Science

1. A. Represent different agricultural practices in the form of a flow chart.
   b. Define the terms
   c. Paste the related pictures.

   (to be done in science notebook)
2. Collect 4 different types of Kharif + Rabi Crops. Keep it in small zip lock bags. (to be done on A4 size sheet)

Social Science

1. Design a poster on conservation of resources.
2. Frame out a constitution for your class.
3. Write a character sketch of any of the given characters –
   (Tipu Sultan / Rani Laxmi Bai / Bhagat Singh / Mangal Pandey)
4. Map practice – States and Union Territories of India
   (All the above activities are to be recorded in a scrap book)

ST.PAUL'S CO-ED SCHOOL ANAND NAGAR BHOPAL

HOLIDAY ASSIGNMENTS

CLASS- 9 (2022-23)

S. No.	Subject	Assignments
1	Biology	(i) Complete Practical file work -Term 1.(refer lab manual) (ii) Draw all the diagrams of the lesson" The fundamental unit of life."in a copy.
2	Chemistry	(i) Activity Draw a small, simple Rangoli design (based on Mandala art) on a white A-4 sheet and fill it with common elements, componds and mixtures found in your house.
3	Physics	Write all physics practicals in file along with observation tables and diagrams. Complete notes of chapter motion in notebook.
4	Socia Science	1. Sample collection. - collect samples of foodgrains grown in palampur. (only food grains and not fruits and vegetables) and paste on A4 size paper.
		2. Poster on the topic "need to conserve biodiversity of India". On A4 size paper
		3. Project on Disaster management - (Students can select any one of the natural disaster like flood, drought, earthquake, tsunami, volcanic eruption etc) * Content of the project * define hazard and disaster * vulnerability * causes and risk * mitigation

5	हिन्दी	1 अलंकार का वर्णन करते हुए, साहित्य में उसकी उपयोगिता सिद्ध कीजिए।पाठ्यक्रम में निर्धारित अलंकार की परिभाषा उदाहरण सहित लिखिए। (रचनात्मक लेखन) 1 क) मृदा संरक्षण(ख) 'मनोरंजन के आधुनिक साधन' इन दोनों शीर्षक पर लगभग 100 शब्दों मेंअनुच्छेद लिखिएद्य 2 शिष्ट भाषा के लाभ बताने हेतु अनुज तथा अग्रज के मध्य संवाद रचना कीजिए। 3 परीक्षा में सफल होने पर उपहार स्वरूप मंहगा स्मार्ट फोन चाहने वाले बेटे कीअपनी माँ के साथ हुई बातचीत को संवाद शैली में लिखिए। 4 'नाम बड़ा या काम' 'मेरा देश मेरा अभिमान' इन दोनों शीर्षक पर 100–120 शब्दों में स्वरचित लघुकथा लिखिए। 5 फैशन में समय और धन का अपव्यय करने वाली छोटी बहन को प्रेरणा पत्र लिखिए। 6 अपने नगर के चिड़िया घर को देखने पर वहाँ की अव्यवस्था से आपको बहुत दुख हुआ द्यइस अव्यवस्था के प्रति चिड़िया घर के निदेशक का ध्यान आकृष्ट कराते हुए एक पत्र लिखिएद्य
6	English	1. Use any, 10 to 12 words given below and write a story of your own in 250 -300 words, giving it an appropriate title .(in ruled sheets of practical file) Soaring, colossal, indolent, immaculate, starving, appetizing, bizarre, bountiful, forte, audacity, benevolent, vulnerable, nostalgia, alarming, tad, crucial, respondent 2. Choose any one poet listed below and write a nature poem of that particular poet (in ruled sheets of pratical file). Also figure out the theme of the poem through your sketch/colour on A4 size drawing sheet. -William Wordsworth -John Keats -Sylvia Plath - Ruskin Bond -Ben Johnson -Sarojini Naidu 3. Make diary entries on a regular basis of your day to day activities for 30 days as a part of cursive handwriting (in Four line copy) All the sheets should be arranged in handmade file with school name, your name , class and section clearly mentioned on it.

7	Maths	**Q.1** Find the value of (i) $\sqrt{20} \times \sqrt{5}$ (ii) $\frac{\sqrt[3]{54}}{\sqrt[3]{250}}$ **Q.2** If x= $2+\sqrt{3}$, then $(x+\frac{1}{x})$ equals to..... a. $-2\sqrt{3}$ b. 2 c. 4 d. $4-2\sqrt{3}$ **Q.3** If $(5)^{x-3} \times (3)^{2x-8} = 225$, find the value of x. **Q.4** Prove that $(\frac{2^a}{2^b})^{a+b} \times (\frac{2^b}{2^c})^{b+c} \times (\frac{2^c}{2^a})^{c+a} = 1$ **Q.5** Find the value of a and b if: $\frac{3+\sqrt{2}}{3-\sqrt{2}} = a + b\sqrt{2}$ **Activity:** Draw the square root spiral upto $\sqrt{17}$ in your Maths Lab Manual. **Project:** Show square root spiral in our surroundings and real life objects in nature on an A-4 size sheet in the most beautiful way. • Complete all the exercises of chapter 1 in your notebook.
Note: All the above activities are to be done on A4 size paper and students shall mention their name class and section on the sheets.		

St. Paul's Co-ed School, Bhopal

Holiday Homework Class X

English

1. Complete of Q/Ans of lesson 1 and 2 from the Text First Flight, along with the summary and Q/Ans of the two poems 'The Dust of Snow' and 'Fire and Ice' from the text First Flight in Class work Note book.

2. Write an Essay on Any Unsung National Freedom Fighter who played a vital role in attaining the Freedom for India (150 to 200 words) mention his/her struggles, sacrifices and contributions in the CW Note Book also paste a picture of the selected freedom fighter in your note book.

3. Letter writing: Complaint letter and Letter to the Editor in C.W note book as directed by the teacher.

Hindi

1. **अपनी माताजी को मातृ दिवस की बधाई देते हुए लगभग** 40 **शब्दों में सदेश लिखिए।**

2. "**विश्व युद्ध-मानव समाज का अत**"

विषय पर लगभग 150 **शब्दों में एक अनुच्छेद लिखिए।**

3. "**सड़क सुरक्षा -जीवन रक्षा** " **विषय पर लगभग** 150 **शब्दों में एक अनुच्छेद लिखिए।**

4. **अपने क्षेत्र में पेड़-पौधों की अनियत्रित कटाई के प्रति चिता व्यक्त करते और कटाई को रोकने के उपाय बताते हुए समाचार पत्र के सपादक को लगभग** 120 **शब्दों में एक पत्र लिखिए।**

5. **बढ़ते हुए तापमान को देखकर अपने छोटे भाई को पढ़ाई के साथ-साथ अपने स्वास्थ्य का ध्यान रखने की सलाह देते हुए**, **लगभग** 120 **शब्दों में एक पत्र लिखिए।**

6. **मतदान के लिए युवा वर्ग को प्रेरित करते हुए लगभग** 50 **शब्दों में एक सुदर विज्ञापन तैयार कीजिए।**

परियोजना कार्य-

1.**अलक्कार के दोनों भेदों के सभी प्रकारों को उदाहरण सहित समझाते हुए लिखिए।** (**प्रत्येक अलक्कार के** 5-5 **उदाहरण लिखिए।**)

2. **निम्नलिखित प्रश्नों के उत्तर कक्षा पुस्तिका में लिखिए।**

(**क**) "**बुद्धि की चतुराई प्रेम में बाधक है ।**"

सूरदास के पद के आधार पर इस कथन की विवेचना कीजिए।

(ख) आपके विचार में उद्धव भाग्यशाली हैं अथवा नही अपनी कल्पना शक्ति के आधार पर तर्क देकर स्पष्ट कीजिए।

(ख) सूरदास के 'भ्रमरगीत' का उद्देश्य स्पष्ट करते हुए उनकी काव्य-भाषा की प्रमुख विशेषताएँ लिखिए।

Maths

1. Find the zeroes of the polynomials and verify the relationship between zeroes and coefficients of the polynomial

a) $x^2 - 21x + 90$ ` b) $x^2 + x + 132$ c) $6x^2 + 11x - 10$

d) $2x^2 - 17x - 30$ e) $3x^2 - 12x - 135$

2. Divide p(x) by g(x) and verify the relationship:- Dividend = (Divisor x Quotient) + Remainder

a) $p(x) = 2x^3 + x^2 - 6x - 3$; $g(x) = x^2 - 3$

b) $p(x) = x^4 + 2x^3 - 4x^2 + 6x - 3$; $g(x) = x^2 - x + 1$

c) $p(x) = 3x^5 - 2x^4 + x^2 - 2$; $g(x) = x^2 + x + 1$

d) $p(x) = x^4 - 9x^2 + 9$; $g(x) = x^2 - 3x$

e) $p(x) = 64x^3 - 1000$; $g(x) = 8x - 20$

Physics

On A4 size sheet, draw ray diagrams for all the six positions of the object when placed in front of concave and convex mirrors.

Note: The ray diagrams must be made by taking a different combination of rays.

Biology

1. Complete Practical file work.(refer lab manual)

2. Draw all the diagrams of the lesson" life Processes"(use empty pages of any old note book.)

Social Science

1. Make a Poster on water conservation in an A4 size sheet.

2. Prepare a Project on Consumer Awareness.

IT

1. Explain the various methods of communication cycle with diagram.

2. Create a letter and type in the body of the letter that is common for various recipients. Follow the mail merge wizard steps to create each letter and send to 10 different addresses.

3. Prepare and illustrate and digrammatic presentation of problems related to sustainable development.

4. Prepare a chart listing the entrepreneural qualities analysing their strength and weakness.(any three each)

Note: Make a file with the above question answers so as to submit for the practical examination.

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ST.PAUL SR.SEC.CO-ED SCHOOL, BHOPAL

Class-XII—HOLIDAY HOMEWORK(2022-23)

ENGLISH

(1.) Title page of Project Portfolio and 2 page Objectives for the topic selected for the Portfolio.
(2.) Article Writing.
(3.) Speech Writing.

CHEMISTRY

(1.) Complete writing in practical file , all the exercises done.
(2.) Make the soft copy of investigatory project.

PHYSICS

(1.) Write all experiments in physics practical file.
(2.) Choose a topic for physics project for final assessment from any topic of class 12 and make a soft copy of the same.
(3.) Revise the topic completed in the month of April(Ray optics-reflection).Answer questions and solve numericals (sent in class WhatsApp group) in the physics note book.

MATHS

(1) Solve all the examples given in the chapter `Matrices' in your class work note book.
(2) Write all the activities in your activity file, which will be posted in the class WA groups.

COMPUTER SCIENCE

Que- Find and write the output of the following Python code:

```
def Display(str):
        m=" "
        for i in range(0,len(str)):
                if(str[i].isupper()):
                        m=m+str[i].lower()
                elif str[i].islower():
                        m=m+str[i].upper()
                else:
                        if i%2==0:
                                m=m+str[i-1]
                        else:
                                m=m+"#"
```

```
        print(m)
Display('Fun@Python3.0')
```

Que- Write the output of the following Python code:

```
a=10
def call ( ) :
        global a
        a=15            #local variable a
        b=20
        print (a)
call ( )
```

Que- Find and write the output of the following Python code:

```
def change (P, Q=30) :
        P=P+Q
        Q=P-Q
        print (P, '#', Q)
        return (P)
R=150
S=100
R= change(R, S)
print (R, '#', S)
S= change (S)
```

Que- Predict the output of the following code fragment.

```
def check (n1=1, n2=2) :
        n1=n1+n2
        n2 += 1
        print (n1,n2)
check ( )
check (2, 1)
check (3)
```

Que- What is the output of the following code?

```
a=1
def find( ) :
        a=10
print (a)
```

Que- What is the output of the following code fragments?

(i)
```
def increment (n) :
```

```
        n.append([4])
        return n
L= [1, 2, 3]
M=increment (L)
print (L,M)
```

(ii)
```
def increment (n) :
        n.append([49])
        return n[0], n[1], n[2], n[3]
L= [23, 35, 47]
m1, m2, m3, m4 = increment (L)
print (L)
print (m1, m2, m3, m4)
print (L[3] == m4)
```

Que- Which names are local, which are global and which are built-in in the following program?

```
invaders = 'Big Names'
pos = 200
level = 1
def play ( ) :
        max_level = level+10
        print (len(invaders)==0
        return max_level
res = play( )
print (res)
```

Que- Find and write the output of the following Python code?

```
def fun (s) :
        k=len (s)
        m= " "
        for i in range (0, k) :
                if (s[i].isupper( )) :
                        m=m+s[i].lower( )
                elif s[i].isalpha( ) :
                        m=m+s[i].upper( )
                else :
                        m=m+ 'bb'
        print (m)
fun ('school2@com')
```

Que- Predict the output of the following code:

```
a=10
```

```
y=5
def myfunc( )  :
        a=2
        y=a
        print (“y=”, y, “a=”, a)
        print (“a+y=”, a+y)
        return a+y
print (“y=”, y, “a=”, a)
print (myfunc( ))
print (“y=”, y, “a=”, a)
```

Que- Predict the output of the following code:

```
a=10
y=5
def myfunc( )  :
        global a
        y=a                #y=10
        a=2
        print (“y=”, y, “a=”, a)
        print (“a+y=”, a+y)
        return a+y
print (“y=”, y, “a=”, a)
print (myfunc( ))
print (“y=”, y, “a=”, a)
```

Que- What will be the output of the following programs?

i.
```
num=1
def myfunc( ) :
        global num
        num = 10
        return num
print (num)
print (myfunc( ))
print (num)
```

ii.
```
num=1
def myfunc( ) :
        return num
print (num)
print (myfunc( ))
print (num)
```

iii.
```
num =1
def myfunc( ) :
        num=10
        return num
print (num)
print (myfunc( ))
print (num)
```

iv.
```
def display( ):
        print (“Hello”, end= ‘ ’)
display( )
print (“there!”)
```

Que- Consider the following function headers. Identify which of these will cause error &why?

(i) def func(a=1, b) :
(ii) def func(a=1, b, c=2) :
(iii) def func(a=1, b=1, c=2) :
(iv) def func(a=1, b=1, c=2, d) :

BIOLOGY

Prepare chapter 2 from Examidea..all questions and answers,
PRACTICAL
Write (1) Major Exp...Isolation of DNA
(2) plant population density and frequency by quadrate method .
(3) Slide preparation
- pollen germination
- Mitosis in the Onion root tips.

हिन्दी

शीर्षक -अभिव्यक्ति व माध्यम

समाचार लेखन की निर्दिष्ट लेखन शैलि□ों को परिभाषित करते हुए अधोलिखित विष□ों से संबंधित समाचार की कतरन समाचार पत्र से काटकर परि□ोजना तै□ार करें-

1)उल्टा पिरामिड शैली समाचार लेखन2)संपादकी□3)आलेख लेखन4)फीचर लेखन5)खेल 6)व्यापार7)स्वास्थ्य8)जीवनशैली9) कला एवं संस्कृति 10) प□ावरण 11) कानून एवं शिक्षा 12) सामाजिक मुद्दों से संबंधित

गृहका□
रचनात्मक - लेखन
क . □ोग करे नीरोग

ख . हृद□ में प्रसन्नता तो जीवन में सफलता
ग . विश्व में भारत की बढ़ती साख

औपचारिक पत्र
अ . संपादक के नाम पत्र
ब . शिका□ती पत्र
स . सरकारी पत्र
प्रत्येक के दो - दो उदाहरण

HOLIDAY ASSIGNMENT 2022-23 FOR CLASS XII [COMMERCE]

ENGLISH:

1. Title page of Project Portfolio and 2 page Objectives for the topic selected for the Portfolio.
2. Article Writing.
3. Speech Writing.

HINDI:

1. शीर्षक -अभिव्यक्ति व माध्यम

समाचार लेखन की निर्दिष्ट लेखन शैलि□ों को परिभाषित करते हुए अधोलिखित विष□ों से संबंधित समाचार की कतरन समाचार पत्र से काटकर परि□ोजना तै□ार करें-

1)उल्टा पिरामिड शैली समाचार लेखन 2)संपादकी□ 3)आलेख लेखन 4)फीचर लेखन 5)खेल 6)व्यापार 7)स्वास्थ्य 8)जीवनशैली 9) कला एवं संस्कृति 10) प□ावरण 11) कानून एवं शिक्षा 12) सामाजिक मुद्दों से संबंधित गृहका□

2. रचनात्मक - लेखन

क . □ोग करे नीरोग

ख . हृद□ में प्रसन्नता तो जीवन में सफलता

ग . विश्व में भारत की बढ़ती साख

3. औपचारिक पत्र

अ . संपादक के नाम पत्र

ब . शिका□ती पत्र

स . सरकारी पत्र

प्रत्येक के दो - दो उदाहरण

MATHEMATICS:

1. Solve all the examples given in the chapter 'MATRICES' in your class work note book.
2. Write all activities in your activity file, which will be posted in the class WA groups.

ECONOMICS:

Learn and Revise:
Ch 1: Circular flow of income.
Ch 2: Basic concepts of Macroeconomics.
Ch 3: Related aggregates of National income.
Write down Ch 4: Measurement of National income.
Learn the formats of Methods of National income.
Indian Economics development:
Read Ch 1, 2 and 3.

ACCOUNTANCY:

PART-B FINANCIAL STATEMENT ANALYSIS (T.S Grewal Book)

1. Solve all numerical (Exercise) of the following chapters.
   Chapter 1: Financial Statements of a Company

Chapter 2: Financial Statement Analysis
Chapter 4: Accounting Ratio

2. Collect the data for the Accountancy Project(Practical):
   Collect the detailed data about the Accountancy project related to comprehensive question, Ratio Analysis and Cash Flow Statement.

BUSINESS STUDIES:

1. Solve the case studies of Chapter 1 and Chapter 2 from the text book (Poonam Gandhi).
2. Project Work: Collect detailed information on **<u>any one</u>** of the topics given below:
   a) Principles of Management
   b) Business Environment
   c) Stock Exchange
   d) Marketing Management

POLITICAL SCIENCE:

1. Prepare a project according to CBSE guidelines (Topics as discussed in the class)
2. Read the revise the chapters taught in the class.
3. Read the newspaper Daily especially the editorial column.

HISTORY:

Project Work:

- Select one topic from the suggestive topics given in the History Curriculum, 2022-23.
- Learn History Chapter 1 Bricks, Beads and Bones .

COMPUTER SCIENCE:

Que- Find and write the output of the following Python code:

```
def Display(str):
    m=""
    for i in range(0,len(str)):
        if(str[i].isupper()):
            m=m+str[i].lower()
        elif str[i].islower():
            m=m+str[i].upper()
        else:
            if i%2==0:
                m=m+str[i-1]
            else:
                m=m+"#"
    print(m)
Display('Fun@Python3.0')
```

Que-Write the output of the following Python code:

```
a=10
```

```
def call ( ) :
        global a
        a=15            #local variable a
        b=20
        print (a)
call ( )
```

Que- Find and write the output of the following Python code:

```
def change (P, Q=30) :
        P=P+Q
        Q=P-Q
        print (P, '#', Q)
        return (P)
R=150
S=100
R= change(R, S)
print (R, '#', S)
S= change (S)
```

Que- Predict the output of the following code fragment.

```
def check (n1=1, n2=2) :
        n1=n1+n2
        n2 += 1
        print (n1,n2)
check ( )
check (2, 1)
check (3)
```

Que- What is the output of the following code?

```
a=1
def find( ) :
        a=10
print (a)
```

Que- What is the output of the following code fragments?

(i)
```
def increment (n) :
        n.append([4])
        return n
L= [1, 2, 3]
M=increment (L)
print (L,M)
```

(ii)
```
def increment (n) :
    n.append([49])
    return n[0], n[1], n[2], n[3]
L= [23, 35, 47]
m1, m2, m3, m4 = increment (L)
print (L)
print (m1, m2, m3, m4)
print (L[3] == m4)
```

Que- Which names are local, which are global and which are built-in in the following program?

```
invaders = 'Big Names'
pos = 200
level = 1
def play ( ) :
    max_level = level+10
    print (len(invaders)==0
    return max_level
res = play( )
print (res)
```

Que- Find and write the output of the following Python code?

```
def fun (s) :
    k=len (s)
    m= " "
    for i in range (0, k) :
        if (s[i].isupper( )) :
            m=m+s[i].lower( )
        elif s[i].isalpha( ) :
            m=m+s[i].upper( )
        else :
            m=m+ 'bb'
    print (m)
fun ('school2@com')
```

Que- Predict the output of the following code:

```
a=10
y=5
def myfunc( )  :
    a=2
    y=a
    print ("y=", y, "a=", a)
    print ("a+y=", a+y)
    return a+y
```

```
print (“y=”, y, “a=”, a)
print (myfunc( ))
print (“y=”, y, “a=”, a)
```

Que- Predict the output of the following code:

```
a=10
y=5
def myfunc( )  :
        global a
        y=a                #y=10
        a=2
        print (“y=”, y, “a=”, a)
        print (“a+y=”, a+y)
        return a+y
print (“y=”, y, “a=”, a)
print (myfunc( ))
print (“y=”, y, “a=”, a)
```

Que- What will be the output of the following programs?

i.
```
num=1
def myfunc( ) :
        global num
        num = 10
        return num
print (num)
print (myfunc( ))
print (num)
```

ii.
```
num=1
def myfunc( ) :
        return num
print (num)
print (myfunc( ))
print (num)
```

iii.
```
num =1
def myfunc( ) :
        num=10
        return num
print (num)
print (myfunc( ))
print (num)
```

iv.
```
def display( ):
        print (“Hello”, end= ‘ ’)
display( )
print (“there!”)
```

Que- Consider the following function headers. Identify which of these will cause error &why?

(i) def func(a=1, b) :
(ii) def func(a=1, b, c=2) :
(iii) def func(a=1, b=1, c=2) :
(iv) def func(a=1, b=1, c=2, d) :

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