General Instructions:

1. Get up early in the morning and go out for a walk daily. Do yoga daily for healthy living.
2. Make a Bird feeder and add seeds for birds daily and also place water for them.
3. Raise a small kitchen garden by planting seeds.
4. Learn any one folk song.
5. Help your mother in cooking and learn vegetable cooking and salad decoration.
6. The summer break for classes VI-XII will be from 01.06.2023 to 02.07.2023 (Both days inclusive). School will reopen on 03.07.2023.
7. Revise the syllabus of all subjects done before summer vacations for Unit Tests to be started from 04.07.2023.
8. Try to make your handwriting better by practicing and do your HW in good handwriting.
9. Do assignments in holidays homework notebook and activities/projects on A4 sheets for each subject and make a portfolio & submit it for assessment to your class teacher on July 10, 2023. There will be assessment of these portfolios and marks will be awarded in half yearly/annual exams.
   (A student portfolio is a compilation of academic work and other forms of educational evidence assembled for the purpose of evaluating coursework quality, learning progress, and academic achievement.)
10. Learn all the prayers and mantras given in student diary.
11. **Register & Participate in 1st stage of 9th Online International Humanity Olympiad by accessing through our web portal – http://www.humanityolympiad.org or Android App - Awake Humanity (play store). Every individual passing the exam (i.e. scoring minimum 40%) will get an e-certificate through e-mail immediately on their emails. School code is : FATE103**
12. The school is starting Skill Development Courses during this session. The students are required to do the activities/projects as advised by the skill teacher on Artificial Intelligence, Handicrafts and Food.

ENGLISH

Syllabus of Unit Test July 2023
*Beehive :Ch 1 ,2 Poem:1,2
*.Moments : Ch 1,2
*.Grammar: Tenses, Modals
*.Writing: Descriptive Writing

1.Write weekly Diary in English B

2. Make a project file on your favourite poet. Include Bio sketch, major works and achievements. Write central idea of any of his Poems which you like the most.

3. 3rd Sunday of June is celebrated as Father's Day. Make a greeting card for your father to express your love and gratitude towards him for all what he has done and is doing for you.

4. June 21 is celebrated as International Yoga Day .Make a beautiful collage of the celebration and a brief introduction to the journey of this Indian culture to international level.

5. Make a list of patriots from Haryana who participated in India's freedom struggle and paste their photographs too .Also write the biography of any one of your favorite among them.

6.Solve this work in BBC Compacta :

a)All the extracts Ch 1,2 and 3 of Beehive module

b)All the extracts of Poems-1,2

c) Modules of Tenses and Modals

d) Descriptive Writing (worksheet 1 to 5)

7. Read any one book during summer vacation and write synopsis in 200 words. Also write about one of major character's character sketch to add in your portfolio. (Writer- Charles Dickens)

हिंदी

प्र -1. पाठ्य पुस्तक क्षितिज में करवाए गए पाठों के आधार पर निम्नलिखित प्रश्नों के उत्तर 5 से 6 पंक्तियों में दीजिए - सुलेख का विशेष ध्यान रखें ।

क. 'दो बैलों की कथा' पाठ के आधार पर स्पष्ट कीजिए कि स्वतंत्रता सहज नहीं मिलती बल्कि उसके लिए संघर्ष करना पड़ता है ।

ख. एक अतिथि के रूप में लेखक को तिब्बत में क्या अनुभव प्राप्त हुआ ? पाठ 'ल्हासा की ओर' के आधार पर उत्तर दीजिए ।

ग. सामाजिक नींव को किससे खतरा है और क्यों ? पाठ 'उपभोक्तावाद की संस्कृति' के आधार पर उत्तर दीजिए ।

घ. कबीर ने ज्ञान का वर्णन अपने 'सबदों एवं साखियों' में किया है। ज्ञान का व्यक्ति के जीवन में आपके अनुसार क्या महत्त्व हो सकता है ।

ङ - अपने वाखों में कवयित्री लल्लद ने जिस सामाजिक सद्भाव एवं समता का संदेश दिया है, वर्तमान लोकतांत्रिक भारत के संदर्भ में उसका क्या महत्त्व है ? स्पष्ट कीजिए ।

प्र -2. भारत अनेकता में एकता प्रदर्शित करने वाला देश है। यहाँ हर एक राज्य में अलग-अलग भाषाएँ बोली जाती हैं। भारत के 28 राज्यों में बोली जाने वाली 22 भाषाओं की उनकी लिपि सहित जानकारी पर पर एक परियोजना कार्य असाइनमेंट फाइल में A-साइज शीट पर तैयार करें । असाइनमेंट के पहले पेज पर एक सुंदर- सा इंडेक्स भी बनाएँ। 4

प्र -3. मनुष्य के थके मन और शरीर को ऊर्जान्वित बनाए रखने का प्रमुख साधन है- त्योहार या पर्व । इसी को आधार बनाकर धार्मिक और सामाजिक पर्वों की सूची तैयार करें और चित्र सहित वर्णन करें ।

प्र -4. मित्र के बड़े भाई को नौकरी मिलने की खुशी में बधाई देते हुए मित्र को एक पत्र लिखिए

प्र -5. विद्यालय की विज्ञान प्रयोगशाला को अत्याधुनिक बनाने की आवश्यकता समझाते हुए विद्यालय की प्रधानाचार्या को एक प्रार्थना पत्र लिखिए

प्र -6.'बीता हुआ समय कभी वापस नहीं आता' इस विषय पर छात्र - अध्यापक के बीच हुई बातचीत को संवाद के रूप में लिखिए ।

प्र -7. 'अभिमान विनाश का कारण है' इस पंक्ति को आधार बनाकर एक लघु कथा लिखिए ।

प्र -8. अपने क्षेत्र में एक पार्क विकसित करने के लिए नगर निगम अधिकारी को एक ई-मेल लिखिए ।

प्र -6. प्रथम इकाई परीक्षा के लिए अप्रैल तथा मई में करवाया गया सारा पाठ्यक्रम अच्छे तरीके से याद करें ।

नोट :- प्रश्न संख्या दो को छोड़कर यह सारा कार्य हिंदी की फेयर नोटबुक में सुंदर व अच्छी लिखाई के साथ करना अनिवार्य है ।

MATHS

A. **Revise syllabus for Unit Test : Chapter 1,2,3 and 4.**
B. **Do following sums in Holidays' Homework Notebook:**

Q.1   Which of the following a Rational number?
  a) $\sqrt{2}$ c) π
  b) 0.202002000200002…   d) 0.148148148…

Q.2 $\dfrac{\sqrt{256}}{\sqrt{144}}$ is
  a) a natural number   c) an irrational number
  b) whole number   d) a rational number

Q.3   On simplifying $(\sqrt{5} + \sqrt{2})^2$, we get
  a) 7   c) $\sqrt{5} + \sqrt{2}$
  b) $\sqrt{10}$ d) $7 + 2\sqrt{10}$

Q.4   The degree of polynomial, $f(x) = 7 - x^2 + 3x^3 + 41x^5$ is
  a) 3   c) 41
  b) 0   d) 5

Q.5   If a point lies on y- axis, then it is of the form
  a) (x,0)   c) (0,y)
  b) (0,0)   d) (x,y)

Q.6   If (1,2) is the solution of equation 2x+ky=6, find the value of k
  a) 2   c) 0
  b) 3   d) 5

Q.7   If (x-2) is a factor of polynomial $p(x) = 5x^2 - kx - 18$, then value of k is?
  a) 2   c) -1
  b) 1   d) 4

Q.8   The number of dimensions a point has
  a) 1   c) 3
  b) 2   d) 0

Q.9   If the coordinate of two points are R(-2,3) and S (-3,5), the (abscissa of R) – (abscissa of S) is
  a) -5   c) 1
  b) -1   d) -2

Q.10   If the perpendicular distance of a point from x – axis is 4 units and foot of the perpendicular lies on the negative direction of x- axis, then the point has
  a) x- coordinate = - 4
  b) y- coordinate = 4 only

c) y- coordinate = - 4 only
d) y- coordinate = 4 or – 4

Q.11 x = 5 , y = - 2 is a solution of the linear equation
a) 2x + y = 9   c) x + 3y = 0
b) x + 3y = 1   d) 2x – y = 12

Q.12 If (1,1) is the solution of equation 2x+ky=6, find the value of k
a) 3   c) 4
b) – 3   d) -4

Q.13 The equation x = 9 , in two variables , can be written as
a) 1x + 1y = 9   c) 0x + 0y = 9
b) 0x + 1y = 9   d) 1x + 0y = 9

Q.14 Who is known as Father of Geometry?
a) Pythagoras   c) Euclid
b) Thales   d) Apollonius

Q.15 Euclid divided his famous treatise The Elements into
a) 11 chapters   c) 13 chapters
b) 12 chapters   d) 9 chapters

Q.16 Pythagoras was a student of
a) Thales   c) Archimedes
b) Euclid   d) G. Cantor

Q.17 The number of interwoven isosceles triangles in Sriyantra is
a) seven   c) nine
b) eight   d) eleven

Q.18 In Indus valley Civilisation ,the bricks used for construction work were having dimensions in the ratio
a) 1:3:4   c) 4:4:1
b) 4:2:1   d)4:3:2

Q.19 **The side faces of Pyramid are**
a) triangles   **c)polygons**
b) squares   **d) trapeziums**

Q.20 Any point on the line y=x is of the form
a) (a,a)   c) (a,0)
b) (0,a)   d) (a,-a)

Q.21 Evaluate using suitable identity
a) 107×93
b) 101×102
c) 103×97
d) 97^2
e) 103^2

Q.22 Factorise

a) $x^2+9x+18$
b) $6x^2+7x-3$
c) $2x^2-7x-15$
d) $x^2+11x+30$
e) $2x^3-3x^2-17x+30$
f) $x^3+13x^2+32x+20$

Q.23 Find the value of a and b, if $\dfrac{7+\sqrt{5}}{7-\sqrt{5}} - \dfrac{7-\sqrt{5}}{7+\sqrt{5}} = a + \dfrac{7\sqrt{5}b}{11}$

Q.24 Express in $\dfrac{p}{q}$ form, where p and q are integers and $q \neq 0$

a) 0.2555…
b) 0.1343434...
c) 0.2454545…
d) $0.\overline{6} + 0.\overline{7} + 0.4\overline{7}$

Q.25 Find two solutions
a) $2x+5y=15$
b) $5x-3y=6$
c) $2x+y=7$

Q.26 a) Find m, if (2,-7) is a solution of the equation $4x+my=22$
b) Find m, if (5,8) is a solution of equation $11x-2y=3m$.

Q.27 **Case study** – Our excessive dependence on motorized road transport imposes significant economic costs on society. These include road causalities, physical inactivity and ill health caused by it e.g. obesity. Cycling could substantially reduce these risks, while strengthening local economics in both urban and rural areas, supporting local businesses and boosting the economic productivity. A bicycle is being lent at fixed charges for first three days of week and an additional charge of each day thereafter. Mr. Sam paid Rs. 27 for a cycle kept for seven days. If fix charges are Rs. x and per day charges are Rs. y then from the above information answer the following questions.
a) Form a linear equation from above information.
b) If fix charges is Rs. 15, then find the additional charge paid by Mr. Sam for each extra day.
c) If per day charge is Rs. 5, Find the fixed charge for first three days.
                    OR
What will be the equation formed if Mr. Sam paid Rs. 30 for 6 days.

Q.28 To judge knowledge of students on topic 'Number System' the teacher asked the students some questions. Here some questions are given to you. Answer these:
i) $(3+\sqrt{23})-\sqrt{23}$ is rational or irrational?
ii) Divide :
      $8\sqrt{15}$ by $2\sqrt{5}$
iii) If $\dfrac{\sqrt{3}-\sqrt{2}}{\sqrt{3}+\sqrt{2}} = a + b\sqrt{6}$, find value of a and b .
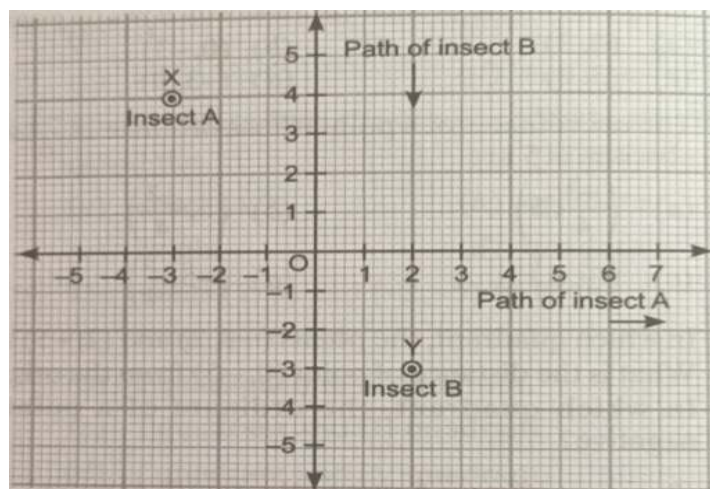   OR
Simplify :
$\sqrt{45} - 3\sqrt{20} + 4\sqrt{5}$

Case study – There are two insects A and B. A is moving from left to right horizontally and B is moving from top to bottom vertically and intersect the path of A at point O. We have divided their path into unit distance of 1 cm and its look like a cartesian plane. After tracing path insect

A is at point X and insect B is at point Y as shown in graph.

Q.29

Now, answer the following questions.

a) Name the quadrant in which Point X (-3,4) lies .

b) What is the sign of co – ordinates in III quadrant ?

Q.30 **c) Find value of abscissa of X + 2× (abscissa of Y) ?**

OR

Compare the height of insect A and B from x- axis.

On one day Mathematics teacher of class 9th asked some questions related to polynomials to check whether students understand the concept of Polynomials or not. Some of the questions are given below. Answer these:

i) The polynomial of the type $ax^2 + bx + c, a \neq 0$ is called?

ii) What is the degree of a non-zero constant polynomial?

iii) If x+2 is a factor x³-2ax²+16, then value of a is

OR

Evaluate using identity:
105×106

ACTIVITY:
- **Make square root spiral on A4 size colored sheet**
- **Using thread draw Coordinate plane on colored A4 sheet and divide it into four parts and show:**
Origin, quadrants, X-axis, Y-axis

SOCIAL SCIENCE

A. Prepare a short atlas in fair notebook.

Chapter-1: INDIA-SIZE AND LOCATION

- **India**-States with Capitals, Tropic of Cancer, Standard Meridian (location and labeling)

Chapter-2: PHYSICAL FEATURES OF INDIA

Mountain Ranges: The Karakoram, The Zasker, The Shfvalik, The Aravali, The Vindhya, The Satpura, Wn & En Ghat.

Mountain Peaks - K2, Kanchanchunga, Anai Mudi,

Plateau - Deccan Plateau, Chotta Nagpur Plateau, Malwa plateau

Coastal Plains - Konkan, Malabar, Coromandal & Northern Circar (Location and Labeling)

Chapter-3: Drainage

- **Rivers:** (Identification only)

a) The Himalayan River Systems - The Indus, The Ganges, and The Satluj

b) The Peninsular rivers - The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi

- **Lakes:** Wular, Pulicat, Sambhar, Chilika

B: Activity: Prepare a report on the following Physical Features (Any One):
1. The Himalayan Mountain
2. The Northern Plain
3. The Indian Desert
4. The Island Groups
   ❖ **Following points should be covered in report-:**
   1. Characteristic features.
   2. Geographic reason for its formation
   3. Human activities associated with this
   4. Its importance in nation

C. Project/Activity

Locate the peaks, passes, ranges, plateaus, hills, and duns hidden in the puzzle. Try to find where these features are located. You may start your search horizontally, vertically or diagonally.

E	M	K	U	N	L	N	A	T	H	U	L	A	R	I	A	H	I	A	T
M	H	A	S	J	M	A	N	J	K	M	A	J	L	B	H	O	R	P	J
J	N	V	F	A	E	T	D	C	A	R	D	E	M	O	M	L	O	M	K
C	R	E	I	I	Q	H	M	O	I	F	T	N	X	M	A	X	F	C	T
N	M	T	S	N	A	U	Q	R	M	S	A	N	A	D	I	D	A	N	J
A	B	X	A	T	G	A	R	O	U	L	F	V	D	I	K	P	T	D	C
C	Y	C	H	I	G	A	M	M	R	D	T	I	Z	L	A	J	P	O	K
H	R	T	K	A	N	C	H	E	N	J	U	N	G	A	L	U	L	B	E
O	O	M	O	P	I	T	P	N	O	S	S	D	D	K	S	P	D	O	K
T	D	A	N	M	L	M	D	D	C	S	A	H	L	S	A	I	E	E	J
A	R	R	K	A	G	T	H	A	R	H	E	Y	D	H	H	A	I	A	R
N	S	A	A	L	I	A	T	L	E	I	Y	A	B	A	Y	T	H	R	L
A	Z	V	N	W	R	E	D	S	P	P	A	N	H	D	A	O	J	U	K
G	O	A	N	A	I	M	U	D	I	K	D	P	M	W	D	A	B	P	E
P	A	L	L	J	S	H	E	V	R	I	Y	E	V	E	R	E	S	T	M
U	O	I	M	Y	R	Y	P	A	T	L	I	G	J	E	I	T	H	A	R
R	K	I	Q	S	L	A	H	C	N	A	V	R	V	P	E	A	T	S	P

D. Project/Activity

Across
1. Nagarjuna Sagar is a river valley project. Name the river?
2. The longest river of India.
3. The river which originates from a place known as Beas Kund.
4. The river which rises in the Betul district of MP and flows westwards.

5. The river which was known as the "Sorrow" if West Bengal.
6. The river on which the reservoir for Indira Gandhi canal has been built.
7. The river whose source lies near Rohtang Pass.
8. The longest river of Peninsular India.
Down
9. A tributary of Indus originating from Himachal Pradesh.
10. The river flowing through fault, drains into the Arabian Sea.
11. A river of South India, which receives rain water both in summer and winter.
12. A river which flows through Ladakh, Gilgit and Pakistan.
13. A important river of the Indian desert.
14. The river which joins Chenab in Pakistan.
15. A river which rises at Yamunotri glacier.

E.   Prepare an integrated Project Activity on Natural Vegetation and Wildlife in India with beautiful pictures on A4 size colored Sheets. (Page limit=5 to 8)

F.   Learn the following syllabus of Unit Test I -2023:
Geography:- Chapter 1-   India-Size and Location
                    Chapter 2-   Physical Features of India
                    Chapter 3-   Drainage
History-   Chapter 1-   The French Revolution

SCIENCE

* Revise following chapters for unit test:
- Matter in our surroundings
- Fundamental unit of life – Cell
- Motion

* Do all questions of following chapters from NCERT Exemplar Book:
- Matter in our surroundings
- Fundamental unit of life – Cell
- Motion

Interdisciplinary Project: THEME: Jal Hi Jiwan Hai
                    "DROUGHT – A MASSIVE DISASTER"
Make a Power Point presentation.
     Guidelines :
          ❖ The presentation should be of 10-15 slides
          ❖ Slide one – Name of the School, subject ,name of the student ,class and section.
          ❖ Slide two- Index (by using Table)
          ❖ Slide three- Introduction of your topic
          ❖ Slide four to 10 or 15 -Content
     The slides should contain the following information:
          ❖ Introduction and causes of drought
          ❖ Use of technology in identification of the crisis and its solution
          ❖ Illustrations (paste pictures/make collage)
          ❖ Effect of drought on environment

- ❖ Areas on map where drought conditions are faced. Use political maps of India and the world.
- ❖ Measures taken by the govt. in this direction (special mention of Latur) and measures taken globally.
- ❖ Graphical presentation: Prepare pie chart on regions which are more likely to be drought affected in India and analyze.

* Do all Activities which are given below and maintain record of all observation and graphs in Practical file along with the experiments performed in laboratory.

Activity 1: Take a metre scale and a long rope. Walk from one corner of lawn to its opposite corner along its sides. Measure the distance covered by you and magnitude of the displacement. Note down the difference between distance and displacement.

Activity 2: Plan to go to a place by vehicle with your parents. Take reading of odometer and speedometer after every 5 minutes till you reach your destination. Record these observations in tabular form; plot graph between distance time and speed time. State weather this motion is uniform or non-uniform.

Time interval (Minutes)	Distance travelled (Kms)	Speed (Km/hr)
0-5		
6-10		
11-15		
16-20		
21-25		
26-30		

Activity 3: Take 5 mL of water in a test tube and keep it near a window or under a fan.
• Take 5 mL of water in an open china dish and keep it near a window or under a fan.
• Take 5 mL of water in an open china dish and keep it inside a cupboard.
• Record the room temperature.
• Record the time or days taken for the evaporation process in the above cases.
• Repeat the above three steps of activity on a rainy day and record your observations.
• What do you infer about the effect of temperature, surface area and wind speed on evaporation?

Activity 4: Take two glasses/beakers filled with water.
• Put a drop of blue or red ink slowly and carefully along the sides of the first beaker and honey in the same way in the second beaker.
• Leave them undisturbed in your house or in a corner of the class.
• Record your observations.
• What do you observe immediately after adding the ink drop?
• What do you observe immediately after adding a drop of honey?
• How many hours or days does it take for the colour of ink to spread evenly throughout the water?

Activity 5: Take some raisin in plain water and leave them for some time. Then place them in concentrated solution of sugar & salt. Note down about observation of raisin in water and salt/sugar solution.

For Science Exhibition

*Research work / Innovative ideas to solve community Problem.

* Documents or paper work of Research work should be on A4 Sheets.

*There are different themes to solve community problem. Students are required to submit research work or innovative ideas on any one theme. Details of Different theme are given below:

Education theme

Social Inclusion Theme

Energy & Transport

Healthcare & Nutrition

Education: Innovate to create solutions to make education and learning inclusive and resilient for all children - Those with no access to devices or internet (Mobiles, Laptops, TVs), those that are in regions with extreme weather conditions, those with no access to a school (physical or virtual) Innovate to integrate soft skills (personality building, confidence etc.), technical skills (digital and 21st century skills) and a mindset of innovation in the curriculum for schools/colleges to ensure students have the skillsets to become successful entrepreneurs or professionals

Social Inclusion: Innovate to create a sustainable model for financial inclusion which will help India get closer to the goal of no poverty by providing accessible and affordable financial services to all. Innovate to create solutions to build inclusivity in the society in terms of languages and cultures so that localised access can be made possible for information related to education, financial literacy and government policies/schemes

Energy & Transport: Innovate a system that could improve rider/driver(motorcycles, cars, trucks, and/or any other vehicle)/citizen (people and animals on the road) safety and prevent road accidents Innovate solutions that reduce the carbon footprint as well as adopt climate resilient and low-carbon strategies to enable the transition to truly sustainable India

Healthcare & Nutrition : Innovate solutions specifically solving problems faced by patients suffering from the most common diseases of India. You can choose a disease from this list or pick another disease to create a solution - Diabetes, Anaemia, Tuberculosis, Malaria, Typhoid or others Innovate to build solutions to find novel ways address health and nutrition challenges such as malnutrition, obesity etc. Note: Students can execute their ideas with different modules like Design Thinking, Python Programming, Artificial Intelligence, Game Development, 3D Modeling, Computing, IOT which are the part of ATL Curriculum.

ਪੰਜਾਬੀ

ਯਾਦ ਕਰੋ -

ਪਾਠ ਪੁਸਤਕ ਸਹਿਤ ਮਾਲਾ - ਕਵਿਤਾ - ਸਮਾਂ

                   ਕਵਿਤਾ - ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ

ਪਾਠ ਪੁਸਤਕ ਵੰਨਗੀ - ਕਹਾਣੀ - ਜਨਮ- ਦਿਨ

ਵਿਆਕਰਨ - ਵਿਰੋਧੀ ਸ਼ਬਦ 1 ਤੋਂ 156

        ਲਿੰਗ ਬਦਲੋ (ਸਾਰੇ)

         ਸ਼ਬਦ ਸ਼ੁੱਧੀ (ਅਸ਼ੁੱਧ ਤੋਂ ਸ਼ੁੱਧ ਸ਼ਬਦ)

         ਮੁਹਾਵਰੇ ' ੳ ' ਤੇ ' ਅ ' ਵਾਲੇ

ਲਿਖੋ ਤੇ ਯਾਦ ਕਰੋ -

ਨੋਟ -ਲਿਖਣ ਵਾਲਾ ਕੰਮ ' ਪੰਜਾਬੀ ਬੀ ' ਵਿਆਕਰਨ ਦੀ ਨੋਟ ਬੁੱਕ ਤੇ ਸਾਫ-ਸਾਫ ਲਿਖਾਈ ਵਿੱਚ ਕਰਨਾ ਹੈ ।

ਲੇਖ - 1. ਮਨਿ ਜੀਤੈ ਜਗੁ ਜੀਤੁ

2. ਵਿਹਲਾ ਮਨ ਸ਼ੈਤਾਨ ਦਾ ਘਰ

3. ਇੱਕ ਚੁੱਪ ਸੌ ਸੁੱਖ

ਕਿਰਿਆਤਮਕ ਕੰਮ (Activity)-

ਵਿਸ਼ਾ - ਵਿਸਾਖੀ ਦੇ ਮੇਲੇ ਦਾ ਚਿੱਤਰ ਸਹਿਤ ਵਰਨਣ

ਵਿਸਾਖੀ ਦੇ ਮੇਲੇ ਦਾ ਧਾਰਮਿਕ ਤੇ ਇਤਿਹਾਸਿਕ ਮਹੱਤਵ ਦੱਸਦੇ ਹੋਏ ਇਹ ਵੀ ਲਿਖੋ ਕਿ ਇਹ ਇਹ ਮੇਲਾ ਕਿਉਂ ਮਨਾਇਆ ਜਾਂਦਾ ਹੈ।

ਕਿਰਿਆਤਮਕ ਕੰਮ ਕਰਦੇ ਹੋਏ ਹੇਠ ਲਿਖੇ ਨੁਕਤੇ ਧਿਆਨ ਵਿੱਚ ਰੱਖਣੇ ਹਨ -

* ਐਕਟੀਵਿਟੀ ਰੰਗਦਾਰ (A 4 size) ਸੀਟ ਤੇ ਕਰਨੀ ਹੈ।

* ਪਹਿਲੇ ਪੇਜ਼ ਤੇ ਕਿਰਿਆਤਮਕ ਕੰਮ ਦੀ ਜਾਣਕਾਰੀ ਦੇਣੀ ਹੈ ਜਿਵੇਂ Project of Punjabi (ਪੰਜਾਬੀ ਦਾ ਕਿਰਿਆਤਮਕ ਕੰਮ)

* ਸਭ ਤੋਂ ਪਹਿਲਾਂ ਵਿਸ਼ਾ ਫਿਰ ਵਿਦਿਆਰਥੀ ਆਪਣਾ ਨਾਂ, ਰੋਲ ਨੰਬਰ ਤੇ admission number ਲਿਖਣਗੇ ਤੇ ਫਿਰ Submitted to ਤੇ Submitted by ਲਿਖਣਾ ਹੈ।

ARTIFICIAL INTELLIGENCE

1. Create a PowerPoint presentation on the topic "Popular Al Machines, Insert suitable pictures of Al machines. You can also add videos on the slides to make it more interesting.

2. Suppose, you are working as an engineer in a robot manufacturing company where you have to make the design of a robot. Draw the same design of the robot in Paint which would you like to create in the company. Write any 5 features that you would like to have in your robot in AI practical notebook.

3. Teachable Machine Experiment: This experiment is based on the Computer Vision domain of AI. The main aim of this experiment is to teach an Al machine to recognize your actions. Once the Al machine is trained, it works according to your actions. Open the following link to use this experiment:
https://teachablemachine.withgoogle.com/
Click on Get Started button.

4. Al Duet: This experiment is based on the data domain of Al. It allows you to play piano with the computer. You can play this game even if you do not have any prior knowledge of how to play piano.
To play the game, visit the following link on any computing device with speakers:
https://experiments.withgoogle.com/ai/ai-duet/view/
Click on the PLAY button. The game is ready to play.

5. Auto Draw: This experiment based on the computer vision domain of Al. It identifies the patterns that you

draw and suggests the related images. To play the game, visit the following link on any computing device with speakers:
https://www.autodraw.com/
Click on the Start Drawing button.

Send ppt and screenshots of Sr. No . 3 to Sr. No. 5 through Email on : activities.davftb@gmail.com
Mention Your Name, Class , Section and Roll No. in subject field of Email. For example,
Subject : HHW, Rajesh, IX Daffodil, Roll No 40