Class XI

worksheets

GURU NANAK PUBLIC SCHOOL, SARABHA NAGAR

Summer Break Assignment

Guru Nanak Public School
Sarabha Nagar
Ludhiana

STUDENT PORTFOLIO (ENGLISH)

Session 2024-2025

NAME:_____

CLASS:_____

SECTION:_____

ROLL NO: _____

ADMISSION NO: _____

SUBMITTED TO :_____

My Personal Inventory

THIS IS ME!!!!!

Paste a photograph of yourself or make a sketch of yourself

I am_____, Admn no. _____

Class & Section_____, Roll no._____.

Email id_____.

My Phone no. is_____.

My birthday is on_____.

Blood Group _____.

Father's name _____.

Mother's name_____.

Residential address_____

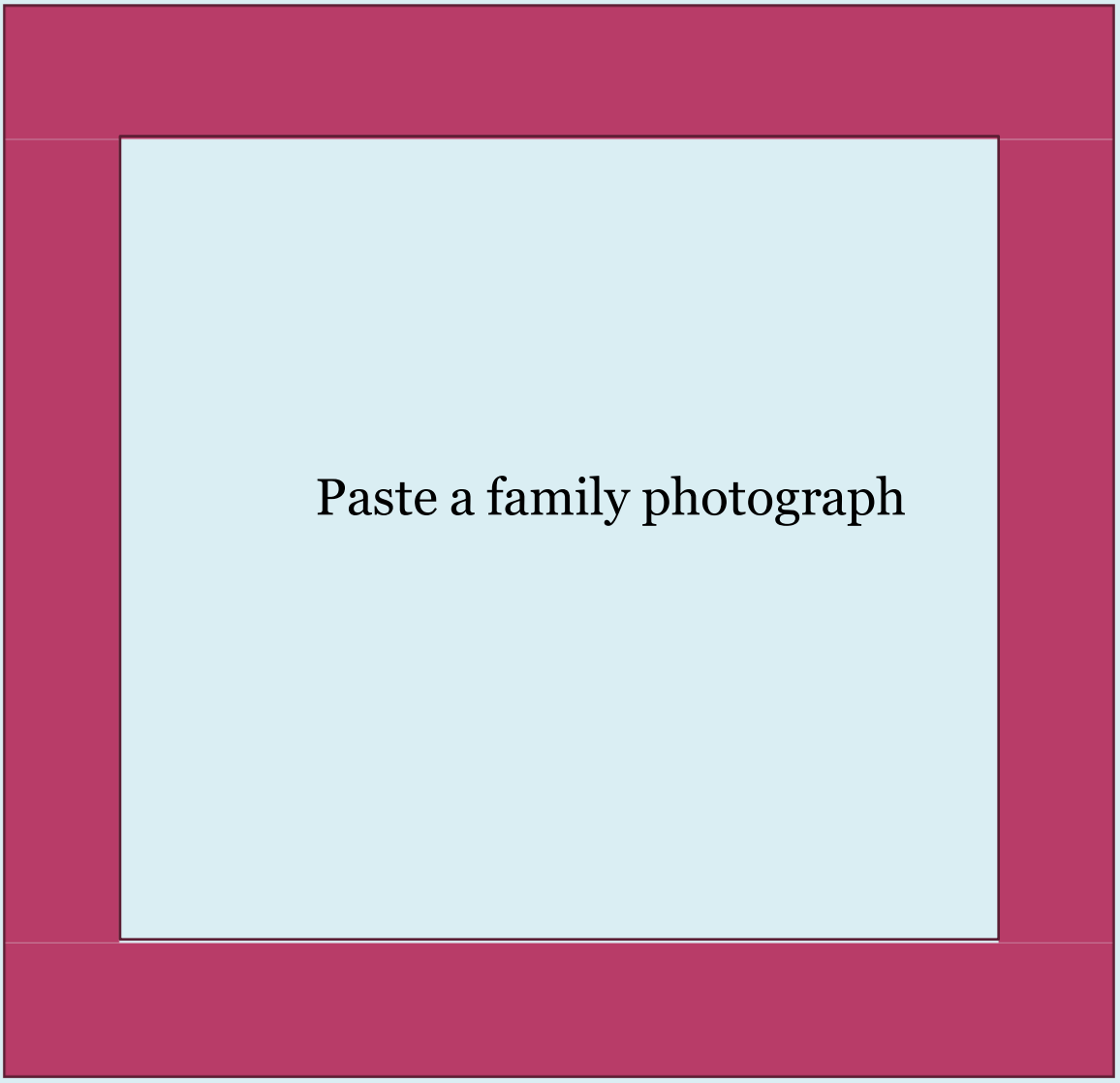
_____.

My family consists of_____

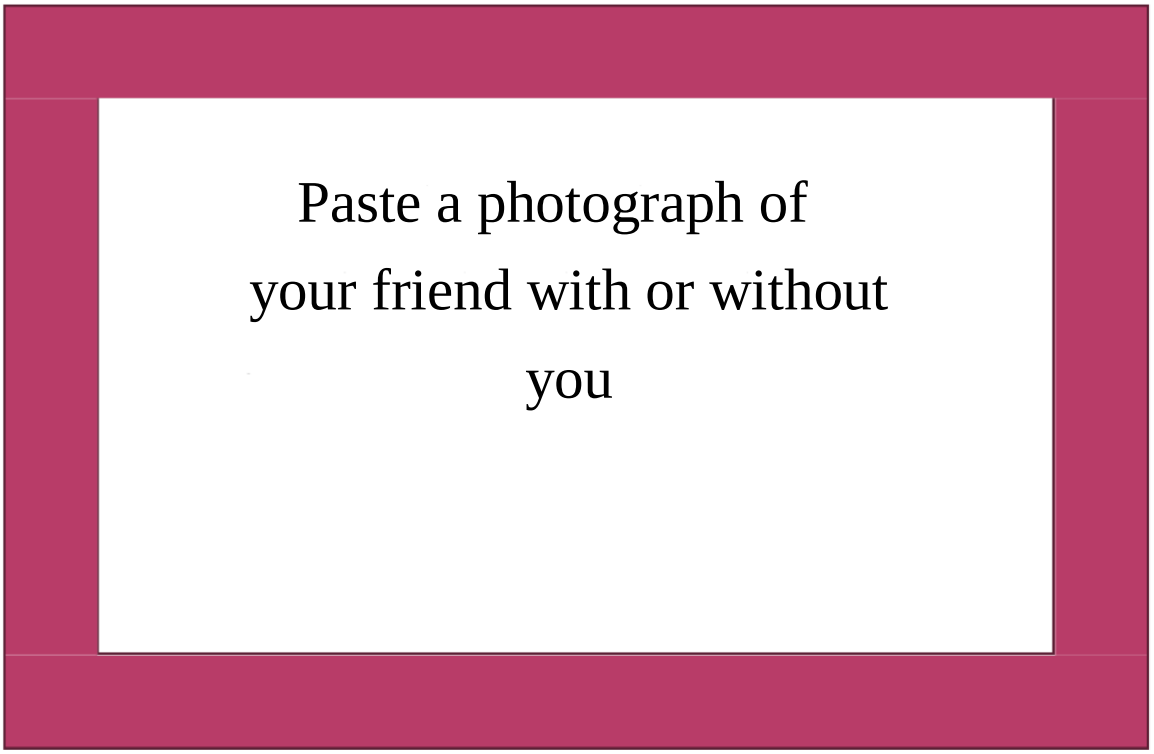
_____.

I love the most_____in my family because _____

_____.



I have a special friend, his /her name is _____.



I am very good at _____.

I am not so good at _____.

I get really angry when _____

_____ .

I would like to learn about _____

_____

_____ .

I would be much better off if _____

_____ .

I have a few good habits which are _____

_____ .

I Discover Myself

Features	As I see myself	As my parents see me
My Strengths		
My Weaknesses		
My Achievements		
My Motivation/ ideal		
How tidy I am		
How courteous I am		
The types of clothes I wear		
Hours spent on social media per day		
Hours spent on studies per day		
Hours spent on constructive activities per day		
Hours spent playing outdoor games		
I like to spend my time on my mobile because		
How independently am I allowed to express my opinions		
The Career I should choose		

SUBJECT - ENGLISH

Q1. Paste a picture of the childhood/youth of your father or mother. Ask him/her about his/her childhood days. Write conversation between you and your mother or father. Write at least five dialogues by each.
Q2. Draft a creative Poster in not more than 50 words creating awareness about Dental Care.
Q3 Prepare a poster to bring about awareness against the hazards of reckless use of plastics.
Q4. A Star night is being held in your city. A number of influential film personalities will take part in it. The night is being organized in aid of victims of communal violence. Design a poster asking people to come in numbers thus contributing for a noble cause. Also mention entry ticket, main attractions and how the proceeds (funds) will be used.
Q5. Draft a poster in about 50 words on the topic 'Importance of Sanitation'. Include catchy slogans and phrases to highlight how insanitary conditions especially during the monsoon lead to diseases and distress apart from stinking smell they emit.
Q6. As president of SPCA, prepare a speech for general public, making an appeal for better treatment of animals. (120-150 words)
Q7. Write a speech in not more than 150 words to be delivered on the celebration of Grandparents' Day in your school.

Note: 1. Make an index and submit entire work in one file.
2. Do your holidays homework on A4 size sheets.
3. Do neat and clean presentable work.
4. Take the printouts of the Student portfolio and complete it.

SUBJECT - PHYSICS

SECTION-A

1. Sit in your drawing room and make a chart of all the physical quantities (minimum 20) which you come across there and write their dimensional formula and also write their manifestation/device/appliance based upon them respectively.

SECTION-B

2. If pressure p, velocity v and time T are taken as fundamental physical quantities, the dimensional formula of force is-
   a) $P\ v^2\ T^2$ b) $p^{-1}\ v^2\ T^2$ c) $p\ v\ T^2$ d) $p^{-1}\ v\ T^2$
3. At a metro station, a girl walks up a stationary escalator in time T_1. If she remains stationary on the escalator take her up in time T_2. The time taken by her to walk up on the moving escalator will be-
   a) $(T_1 + T_2)/2$ b) $(T_1T_2) / T_2-T_1$ c) $(T_1T_2) / T_2+T_1$ d) $T_1 - T_2$
4. Find the dimensions of (a X b)/c in the relation y = 4sin at + 3cos bt – ct, where t is time and y is distance.
5. If unit of energy is E, force is F and velocity is V. Find the unit of mass length and time.
6. A ball is thrown upwards with an initial velocity of 80m/s. After how much time will it return to ground? Draw velocity-time graph for the ball and find from the graph.
   a) the maximum height attained by the ball b) height of the ball after 12s. Take g =10m/s^2
7. Given $\vec{A}$ = i -2j -3k and $\vec{B}$ = 4i -2j + 6k. Calculate the angle made by ($\vec{A}$ + $\vec{B}$) with x- axis?
8. A force is inclined at 30^0nto the horizontal. If its rectangular component in the horizontal direction be 50N, find the magnitude of the force and its vertical component.
9. The resultant of two forces P and Q is of magnitude P. Prove that if P is doubled, the resultant force will be perpendicular to Q.
10. Given : Unit vectors $\hat{A}$ and $\hat{B}$ inclined at an angle θ. Prove that :I $\hat{A} - \hat{B}$ I = 2sin θ/2

Solve the intext questions and NCERT examples of the syllabus covered in physics notebook.

SUBJECT – CHEMISTRY

1. Revise unit-1,2 & 3 (up to topic atomic radii)
2. Solve revision assignment in chemistry copy (given below).
3. Complete practical file with both practicals of volumetric analysis:
   (a) Find molarity and strength of NaOH using oxalic acid of known molarity.
   (b) Find molarity and strength of HCl using Sodium carbonate of known molarity.

REVISION ASSIGNMENT (CH. 1,2 &3)

MULTIPLE CHOICE QUESTIONS:

1. Two students performed the same experiment separately and each one of them recorded two readings of mass which are given below. Correct reading of mass is 3.0 g. On the basis of given data mark the correct option out of the following statements:

Student	Readings	
	(i)	(ii)
A	3.01	2.99
B	3.05	2.95

(a) Results of both the students are neither accurate nor precise.
(b) Results of student A are both precise and accurate.
(c) Results' of student B are neither precise nor accurate.
(d) Results of student B are both precise and accurate.

2. A measured temperature on Fahrenheit scale is 200°F. What will this reading be on Celsius scale?
(a) 40°C *(b)* 94°C (c) 93.3°C *(d)* 30°C

3. What will be the molarity of a solution, which contains 5.85g of NaCl(s) per 500 mL?
(a) 4 mol L^{-1} (b) 20 mol L^{-1} (c) 0.2 mol L^{-1} (d) 2 mol L^{-1}

4. If 500 mL of a 5M solution is diluted to 1500 mL, what will be the molarity of the solution obtained?
(a) 1.5 M (b) 1.66 M (c) 0.017 M (d) 1.59 M

5. The number of atoms present in one mole of an element.is equal to Avogadro number. Which of the following element contains the greatest number of atoms?
(a) 4 g He (b) 46 g Na (c) 0.40 g Ca (d) 12 g He

6. If the concentration of glucose ($C_6H_{12}O_6$) in blood 1s 0.9 g L-1, what will be the molarity of glucose in blood? (a) 5M (b)50M (c) 0.005 M (d) 0.5 M

7. What will be the molality of the solution containing 18.25 g of HCI gas in 500 g of water?
(a) 0.1 m (b) 1 M (c) 0.5 m (d) 1 m

8. Which of the following statement about the electron is incorrect?
(a) It is a negatively charged particle (b) The mass of electron is equal to the mass of neutron
(c) It is a basic constituent of all atoms (d) It is a constituent of cathode rays.

9. Which of the following properties of atom could be explained correctly by Thomson model of atom?
(a) Overall neutrality of atom. (b) Spectra of hydrogen atom.
(c) Position of electrons, protons and neutrons in atom. (d) stability of atom.

10. Two atoms are said to be isobars if ,
(a) they have same atomic number but different mass number.
(b) they have same number of electrons but different number of neutrons..
(c) they have same number of neutrons but different number of electrons.
(d) sum of the number of protons and neutrons is same but the number of protons is different .

11. ·The number of radial nodes for 3p orbital is: (a) 3 (b) 4 (c) 2 (d) 1

12. Number of angular nodes for 4d orbital is: (a) 4 (b) 3 (c) 2 (d) 1

13. All the elements in a group in the periodic table have the same;
(a) Atomic number (b) Electronic configuration
(c) Atomic weight (d) Number of electrons in the valence shell

14. Which pair of elements has the same characteristic chemical properties?
(a) Z = 13, Z = 22 (b) Z = 3, Z = 11 (c) Z = 4, Z = 24 (d) Z = 2, Z = 4

15. Atomic number of element present in the third period and seventeenth group of periodic table;
(a) 15 (b) 16 (c) 9 (d) 17

16. Chalcogen are elements of the group: (a) 17^{th} (b) 16^{th} (c) 15^{th} (d) 14^{th}

17. Representative elements are elements of;
(a) s-block (b) d-block or transition elements (c) s-block and p-block (d) d-block and f-block

18. Which general electronic configuration of the element does not represent a non-metal?
(a) ns^2, np^4 (b) $ns^2, (n-1)d^{1-10}, np^5$ (c) $ns^{1-2}, (n-1)d^{1-10}$ (d) $ns^2, (n-1)d1^{-10}, np^{1-6}$

19. Which of the following is not a representative element?
(a) 2=37 (b) Z=31 (c) Z = 54 (d) Z = 24

20. Element having no neutron is: (a) H (b) He (c)Mg (d) Ag

21. Number of groups in d-block is: (a) 5 (b) 10 (c) 15 (d) 20

22. The maximum number of elements in 3rd period is
(a) 8 (b) 18 (c) 82 (d) between 8 and 18

23. Which pair of atomic number represents s-block elements?
(a) 7, 15 (b) 6, 12 (c) 9, 17 (d) 3, 12

24. The tendency towards complex formation is maximum in
(a) s-block elements (b) p-block elements (c) d-block elements (d) none of these

25. The fourth period of the p-block contains :
(a) 6 elements (b) 8 elements (c) 10 elements (d) 18 elements

26. Elements A, B, C, D and E have the following electronic configurations:

A : $1s^2 2s^2 2p^1$ B : $1s^2 2s^2 2p^6 3s^2 3p^1$
C : $1s^2 2s^2 2p^6 3s^2 3p^3$ D : $1s^2 2s^2 2p^6 3s^2 3p^5$
E : $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2$

The elements belonging to same group in the periodic table are:
(a) A and D (b) C and D (c) A and B (d) A and D

27. An element 'X' belongs to the third period of the p-block elements. It has four electrons in the outermost shell. The name of the element is
(a) Aluminium (b) Silicon (c) Germanium (d) Sulphur

Assertion Reason Questions

Note: *In the following questions a statement of assertion followed by a statement of reason is given. Choose the correct answer out of the following choices.*

(a) *Assertion and reason both are correct statements and reason is correct explanation for assertion.*
(b) *Assertion and reason both are correct statements but reason is not correct explanation for assertion.*
(c) *Assertion is correct statement but reason is wrong statement.*
(d) *Assertion is wrong statement but reason is correct statement.*

1. **Assertion** : Hydrogen has one electron in its orbit but it produces several spectral lines.
Reason : There are many excited energy levels available.

2. **Assertion** : The 19th electron in potassium atom enters into 4s-orbital and not in the 3d-orbital.
Reason : (n + l) rule is followed for determining the orbital of lowest energy state.

3. **Assertion** : The energy of an electron is largely determined by its principal quantum number.
Reason : The principal quantum number (n) is a measure of the probable distance of finding the electron around the nucleus.

4. **Assertion** : For the outermost electron in Na atom, the orbital angular momentum is zero.
Reason : For 3s electron , l = 0 and orbital angular momentum is zero.

5. **Assertion** : The configuration of C cannot be $1s^2\ 2s^2$.
Reason : According to Pauli exclusion principle an orbital can have maximum of two electrons.

6. **Assertion** : 2s-orbital has one node.
Reason : Number of nodes in an orbital is equal to (n - l - 1) value. .

7. **Assertion**: All microscopic bodies in motion have wave character.
Reason: Microscopic bodies have very large mass.

8. **Assertion**: ·Cl^- ions and K^+ ions are isoelectronic·
Reason: ·1soelectronic ions have same charge.

9. **Assertion**: It is impossible to determine the exact position and exact momentum of electron simultaneously.
Reason : The path of an electron in an atom is clearly defined.

10. **Assertion** : Photoelectric effect is easily given by cesium metal.
Reason : Photoelectric effect is easily given by metals having high ionization enthalpy.

CASE STUDY: Read the following passage and answer questions:

Bohr's model enables us to derive the energy of an electron revolving in nth orbit. For H-atom and hydrogen like species:

$$E_n = -\frac{2\pi^2 m\, e^4 Z^2}{n^2 h^2}$$

$$\text{or } = -\frac{13.6\, Z^2}{n^2}\text{ eV atom}^{-1} = -\frac{21.8\times10^{-19} Z^2}{n^2}\text{ J atom}^{-1}$$

This helps to calculate the radius of an orbit,

$$r_n = \frac{0.529\, n^2}{Z}\ \text{Å}$$

Bohr's model also explains the occurrence of different spectral lines. The wavelengths of different lines can be given as:

$$\frac{1}{\lambda} = \bar{\nu}\,(\text{in cm}^{-1}) = R\left(\frac{1}{n_1^2} - \frac{1}{n_2^2}\right)$$

$R = 109678\ \text{cm}^{-1}$ and $n_2 > n_1$

1. What is the energy of first excited state of H atom?
2. Which series of hydrogen spectrum lies in the visible region?
3. What is the ratio of radius of 4th orbit of hydrogen and 3rd orbit of Li^{2+} ion?
4. Which transition between Bohr's orbits corresponds to third line in Lyman series?

SHORT ANSWER QUESTIONS:

1. Arrange s, p and d sub-shells of a shell in the increasing order of effective nuclear charge (Zeff) experienced by the electron present in them.
2. Show the distribution of electrons in oxygen atom (atomic number 8) using orbital diagram.
3. Nickel atom can lose two electrons to form Ni^{2+} ion. The atomic number of nickel is 28. From which orbital will nickel lose two electrons.
4. Which of the following orbitals are degenerate?

$3d_{xy}, 4d_{xy}, 3d_{z^2}, 3d_{yz}, 4d_{yz}, 4d_{z^2}$

5. Calculate the total number of angular nodes and radial nodes present in 3p orbital.
6. The arrangement of orbitals on the basis of energy is based upon their (n + l) value. Lower the value of (n + l), lower is the energy. For orbitals having same values of (n + l orbital with lower value of n will have lower energy. Based upon the above information, arrange the following orbitals in the increasing order of energy.

(a) 1s, 2s, 3s, 2p (b) 4s, 3s, 3p, 4d
(c) 5p, 4d, 5d, 4f, 6s (d) 5f, 6d, 7s, 7p

ONE WORD / VERY SHORT SENTENCE ANSWER:

1. What is the difference between a quantum and a photon?
2. Can an electron have the quantum number values as $n = 2$, $l = 2$ and $m = +2$?
3. How many sub-levels are there in M shell ? What are their designations ?
4. What quantum numbers n and l are assigned to a $3p$-orbital ?
5. Write the electronic configuration of chromium ($Z = 24$).
6. An atom of an element has 19 electrons. What is the total number of p-electrons ?
7. What is the sequence of energies of $3s$, $3p$ and $3d$-orbitals in
   (i) a hydrogen atom, and
   (ii) a multielectron atom ?

8. According to which principle an atom cannot have more than two electrons ?
9. What designations are given to the following subshells having:
   (*i*) $n = 4, l = 3$
   (*ii*) $n = 3, l = 2$
10. If $n = 3$, what are values of quantum number l?
11. What is the relation between the shapes of $3d_{xy}$ and $3d_{x^2-y^2}$ orbitals?
12. How many electrons are present in $3d$ orbitals in chromium ($Z = 24$)?
13. If the quantum number 'l' has a value of 2, what are the permitted values of quantum number m ?
14. How many electrons s and p-subshell can accommodate ?
15. Which energy levels do not have p-orbital ?

SUBJECT – MATHEMATICS (041)

Perform the following activities on Maths Practical Notebook :

1. To draw the graphs of following trigonometric functions on different graph papers in the interval $[-2\pi, 2\pi]$
   $sinx, cosx, tanx$
2. To draw the graphs of following trigonometric functions on different graph papers in the interval $[-2\pi, 2\pi]$
   $secx, cosecx, cotx$
3. Solve the following system of inequalities and represent solution on number line:
   (1) $\frac{1}{|2x-3|} \leq 1$ (2) $\left|\frac{2}{x} - 7\right| < 2$

SUBJECT – BIOLOGY

NOTE: Do biology homework in scrap book.

1. Collect leaves of five medicinal plants and paste in a scrap book. Also write one use of each plant.
2. Collect seeds of five vegetables or fruits and paste in scrap book. Write their Botanical names also.
3. Students will make colourful chart (A-3 size) on the following topics. Topics are allotted Roll no. wise as:

Roll no.	Topics
1 to 5	Compound Microscope
6 to 10	Male reproductive system
11 to 15	Female reproductive system
16 to 20	Prokaryotic cell
21 to 25	Life cycle of Gymnosperm
26 to 30	Rabbit and pigeon
31 to 35	Prawn and Amoeba
36 onwards	Starfish, shark

4. Revise the covered syllabus and Complete Biology Practical file.

SUBJECT – ACCOUNTANCY

Q 1. Book - Keeping is concerned with
- a. Recording financial data relating to business transactions
- b. Designing for systems recording classifying and summarising recorded data
- c. Interpreting data for internal and external users
- d. All of the above.

Q 2. Cash Discount is :
- a. Which is allowed at the time of sale of goods
- b. Which is received at the time of purchase of goods
- c. Which is received at the time of making the payment
- d. Which is received both at the time of making payment and purchase of goods

Q 3. Which of the following is not a business transaction :
- a. Bought furniture of Rs. 25000 for business
- b. Paid for salaries of the employees Rs.50000
- c. Cash withdrawn from personal bank account Rs.10000 for personal use
- d. All of the above.

Q 4. Discount allowed is classified as:
a. real account b. nominal account c. personal account d. none of the above

Q 5. The last step in Accounting as a process of information is :
- a. recording the transaction b. preparation of financial statements
- c. communication of information d. all of these.

Q 6. The person, firm or institution who does not pay the price in cash for the goods purchased or the services rendered is called _____.

Q 7. Amount of debts irrecoverable from the debtors are termed as _____.

Q 8. _____ assets are those assets which the management would want to convert into cash within 1 year.

Q 9. Amount received from the sale of goods is called _____.

Q 10. Excess of total expenses over total revenues is called _____.

Q 11. Any cash or value of goods withdrawn by the owner for personal use out of the business funds are called_____.

Q 12.' Dr. what comes in ,Cr. what goes out ' is the rule of accounting for _____ accounts.

Q 13._____ starts where Book-keeping ends.

Q 14.Mr. Gopal started business for buying and selling of readymade garments with 600000 as an initial investment. Out of this be paid 2,00,000 for the purchase of garments , 40000 for furniture and 50,000 for computers and the remaining amount was deposited into the bank. He sold some of the ladies and kids garments for 3,00.000 for cash and some garments for 1,50,000 on credit to Mr. Rajesh .Subsequently, he bought men's garments of 2,00,000 from Mr. Satish. In the first week of the next month, a fire broke out in his office and stock of garments worth ₹ 1,000,000 was destroyed. Later on, some garments which cost 1,20,000 were sold for 1,30,000. Expenses paid during the same period were 15,000. Mr. Gopal withdrew ₹20,000 from business for his domestic use.

From the above, answer the following:

* What is the amount of capital with which Mr. Gopal started the business?
* What fixed assets did he buy?
* What is the value of the goods purchased?
* Who is the creditor and state the amount payable to him?
* Who is the debtor and what is the amount receivable from him?
*What is the total amount of expenses?
* What is the amount of drawings of Mr. Gopal?

Q 15.Classify the following accounts into Personal, Real and Nominal Accounts:

Cash, Drawings, Bad debts, capital, goodwill, sales, purchases, prepaid rent, outstanding salaries, Leasehold premises, Plant and machinery

Note: Revise Journal and Cash book.

SUBJECT – BUSINESS STUDIES

Project topic:

Assume you are starting a partnership firm with your friend/friends. Develop a business plan covering the following aspects:

- Features/characteristics of partnership firm
- Prepare Partnership deed
- Choice of types of partners involved and type of partnership
- Also the merits and demerits of starting this type of business organization.

Note: Project must contain 10-15 sheets. Staple the sheets and put it in a clear bag. Write the project topic, name, class, section, roll number and admission number on the first sheet of the Project. Paste pictures related to partnership.

Handwriting should be neat and clean.

It is compulsory to submit project work for assessment.

SUBJECT – ECONOMICS

Instructions:

- It is compulsory for all to submit the assignment for assessment.
- Use A4 size light color assignment sheets (one sided ruled and one sided plain sheet)
- First four common pages will be :- Cover page, Certificate, Acknowledgement, Index
- Then start with the content.
- Last 2 pages :- Conclusion and Bibliography
- Submit assignment in Clear Bag only.

1. Distinguish between positive and normative economics.
2. Distinguish between microeconomics and macroeconomics.
3. Define the subject matter of economics.
4. What is meant by production possibility curve? Illustrate with the help of a table and diagram.
5. Draw a production possibility curve and indicate the following situations on the diagram:
   (1) Fuller and efficient utilization of resources
   (2) Underutilization of resources
   (3) Growth of resources
6. Draw a production possibility curve. What do the points inside and outside this curve indicate? Explain.
7. Define Scarcity.
8. Why economic problem arises?

SUBJECT – ENTREPRENEURSHIP

1.) Define Entrepreneur, Entrepreneurship, Enterprise.
2.) Write 5 points of advantages and disadvantages of entrepreneurship.
3.) Make an assignment of 5 young entrepreneurs of India. (Paste pictures)

Instructions

- Use A4 size sheets(one side ruled and one side plain)
- Paste pictures on plain side of your sheet related to your topic
- Complete your project work using at least 20 pages
- Mention your name, class, section and roll number on first page.
- Handwriting should be neat and clean.
- It is compulsory to submit project work for assessment.

SUBJECT – FINANCIAL MARKETS MANAGEMENT

1. Explain the various options available for investment (Both short term & long term financial options)
2. Meaning of life insurance policies and its types. Attach the pictures of life insurance policy .
3. Functions of SEBI.
4. What is dematerialisation?

Note: *Do properly in A4 size sheets & submit in clear bag. Paste pictures.*

SUBJECT – INFORMATION TECHNOLOGY

Use OpenOffice Writer to create the following documents:

1. A Birthday invitation card.
2. A farewell invitation card.
3. A one page article that lists the steps that you take to clean the environment (use bullets). Format the page. Insert header and footer in the document.
4. Write the quadratic equation using formula symbols.
5. A grocery bill using tables. Then convert this table to text.
6. A 2-column article having pictures and text. Create a hyperlink to a web page. Also state the number paragraphs, lines, words and characters in the document. Perform spell check on the document.
7. Create a document with text and then use find and replace option to replace a word in the document.

Note: Bring printouts in a file.

SUBJECT – WEB APPLICATION

Create a Website on any topic of your choice. The website should have:

1. Minimum 10 web pages
2. Homepage
3. Tables
4. Add proper Internal and External Linking in different web pages as well as with home page.
5. Insert any audio and video related to your topic.
6. One Webpage must have 3 frames.
7. Create a feedback form at the end.

SUBJECT – LEGAL STUDIES

The project report entails the following requirements:

1. The project report should be handwritten by the students themselves and credit will be awarded to original drawings, illustrations, and creative use of material.
2. The project report should be presented in a neatly bound folder.
3. The project report will be presented in the following format:

* Cover page
*Contents
*Introduction
*Content Presentation
* Conclusion/ Summary
*Bibliography
*Teacher's evaluation report

Prepare project file on the following:

1. Right to life does not include right to die on this principle the Hon'ble high court ordered Enzyme Replacement Therapy at AIIMS free of charge to a minor girl aged 7 years after considering that just because someone is poor, the state cannot allow him to die. Critically discuss the liability of the state in such cases with relevant case laws.
2. You are opening a new restaurant with new innovative machines and recipes. You plan to use new techniques to compete with old one. Frame out a clear idea of rights and types of property which could be protected in this case.
3. A patient is bought to the government hospital in a very critical situation. During the operation due to faulty oxygen supply machine, the patient dies on the operation table. Discuss the rights of patient and the liabilities of doctors in the light of legal maxim actus non facit reum nisi mens sit rea as per criminal jurisprudential.

SUBJECT – POLITICAL SCIENCE

The project report entails the following requirements:

1. The project report should be handwritten by the students themselves and credit will be awarded to original drawings, illustrations, and creative use of material.

2. The project report should be presented in a neatly bound folder.
3. The project report will be presented in the following format:
* Cover page
*Contents
*Introduction
*Content Presentation
* Conclusion/ Summary
*Bibliography
*Teacher's evaluation report

Prepare project report on the following:

1. Elaborate "Elections sine qua non of democracy" in the light of Lok Sabha Elections 2024.
2. Importance of Local Government in participatory democracy.

SUBJECT – FOOD NUTRITION & DIETETICS

1. Draw a healthy food plate. Discuss planning of a balanced diet. (Pg. 31)
2. Design a balanced meal plan for a joint family. (Ch. 5 Pg. 32)
3. Plan a sample meal plan for a preschooler with pictures. (Pg.40)
4. Discuss the Importance of packed lunch box. Give some suggestions for packing patterns with the help of pictures. (Pg.43)
5. Plan the following meal plans with pictures:
   a. for an elder person (Pg. 53)
   b. for a lactating mother (Pg.58)
6. Read thoroughly all chapters done in Term I.

Note – Do this work on A3 sheet.

SUBJECT – PUNJABI

1. PROJECT WORK

INSTRUCTIONS :-

1. Choose any one topic from the topics given below.
2. Use A4 size sheet (one side plain and one side ruled)
3. Credit will be awarded for creativity.
4. Matter should be relevant and of 10 -15 pages.
5. It should be written neatly.
6. Either paste or draw pictures related to the topic.
7. Project should be presented in the following sequence /format:-

First page

- NAME _____
- CLASS & Sec_____
- Admission No ____
- Roll No_____
- Topic Name _____
- Submitted to_____
- Submitted by_____

Index

Acknowledgement
Introduction of topic
Explanation of the subject matter
Importance (if have)
Critical analysis
Suggestions by the students (Conclusion)
Bibliography/ Resources

Topics:-

1. ਸੱਭਿਆਚਾਰਕ ਗਤੀਵਿਧੀਆਂ (ਲੋਕ-ਨਾਚ, ਲੋਕ- ਗੀਤ, ਲੋਕ-ਬੋਲੀਆਂ)
2. ਪੁਸਤਕ ਸਮੀਖਿਆ
3. ਸਲੋਗਨ ਲੇਖਣ
4. ਪੇਂਡੂ ਅਤੇ ਸ਼ਹਿਰੀ ਜੀਵਨ
5. ਸਮਾਜਿਕ ਕੁਰੀਤੀਆਂ (ਦਾਜ, ਭਰੂਣ-ਹੱਤਿਆ, ਨਸ਼ੇ)
6. ਮਾਂ - ਬੋਲੀ (ਮਹੱਤਤਾ ਤੇ ਪ੍ਰਚਾਰ – ਪ੍ਰਸਾਰ)
7. ਪੰਜਾਬੀ ਪਹਿਰਾਵਾ
8. ਪੰਜਾਬੀ ਰਹਿਣ - ਸਹਿਣ
9. ਪੰਜਾਬੀ ਹਾਰ - ਸ਼ਿੰਗਾਰ
10. ਵਿਰਾਸਤੀ ਖੇਡਾਂ
11. ਕੋਰੋਨਾ - ਕਾਲ ਸਮੇਂ ਮੇਲੇ ਤੇ ਤਿਉਹਾਰ
12. ਕੋਰੋਨਾ - ਕਾਲ ਸਮੇਂ ਵਿਆਹ ਅਤੇ ਹੋਰ ਸਮਾਗਮ

2. ਹੇਠ ਲਿਖੇ ਵਿਸ਼ਿਆਂ ਉੱਤੇ (200-250 ਸ਼ਬਦਾਂ ਵਿੱਚ) ਲੇਖ ਲਿਖੋ :-

1. ਸਾਈਬਰ ਕ੍ਰਾਈਮ
2. ਵਿਦਿਆਰਥੀਆਂ ਵਿੱਚ ਵਧ ਰਹੀ ਅਨੁਸ਼ਾਸਨਹੀਣਤਾ

SUBJECT – HINDUSTANI MUSIC VOCAL

1. Revise practical and theory syllabus.
2. Prepare three Bollywood songs sung by these artists-Mohamad Rafi, Mukesh , Kishore Kumar, Lata Mangeshkar Asha Bhosle ,Alka Yagnik, Neha Kakkar, Arijit Singh.

SUBJECT – PSYCHOLOGY

General Instructions

The Project must have the following:

- Title
- Highlight of key research findings
- Application of principles of psychology
- Analyse the connect of Human Emotions, Behaviour, and Psychology
- Use enlivening pictures.

Theme: "Building a fairer, healthier world"

Sub-Topic: "Understanding Emotions and its impact on Behaviour"

Material Required:

- Coloured sheets, writing skills
- Research skills and Analysis

Task

- Identify the basic human emotions.
- Create 10 questions on it. (subjective and objective both or any)
- Conduct your survey on 5 people and find out results.
- Presented in the form of handwritten project file(10-12sheets)
- Be creative.

Steps:

Topic 1 - Happiness/ Joy
Topic 2 - Anger/ Annoyance
Topic 3 - Sadness/ Grief
Topic 4 - Love/ Affection
Topic 5 – Fear/ Terror
Topic 6 – Boredom/ Disconnected

Question Hints – What, When, Why, Where, Whose, Who, Whom, Which, How, Frequency, Duration

- Class XI H - Topic 1 (Humanities)
- Class XI F – Topic 2 (Humanities)
- Class XI M – Topic 3
- Class XI D – Topic 4
- Class XI H – Topic 5 (Optional)
- Class XI F - Topic 6 (Optional)

SUBJECT – FASHION STUDIES

Complete the following practicals in your portfolio:

1) Colour Wheel
2) Texture (any 4 on different sheets)
3) Analogous, Complimentary
4) Tint
5) Shade
6) Tones
7) Primary, Secondary , Tertiary colours
8) Elements of design

Note: All the work should be done on A3 sheets.

SUBJECT – PHYSICAL EDUCATION

Write any one of your choice out of list. Labelled diagram of field, rules, terminologies and skill of Game.

(Badminton, Table Tennis, Volleyball)

Do holidays homework in physical education practical note book.

SUBJECT – APPLIED / COMMERCIAL ART & PAINTING

- Make a portfolio of five sheets from your painting and commercial art syllabus.
- **JAR CRAFT**

DIY Mason Jar by showing your creative skills.