GURU AMAR DASS PUBLIC SCHOOL, MODEL TOWN, JALANDHAR

HOLIDAYS' HOME WORK, JUNE 2024
CLASS – XI

ENGLISH
1. FIVE UNSEEN PASSAGES FOR COMPHRESHION.   (PDF SENT IN CLASS GROUP)
2. CUT AND PASTE 10 CLASSIFIEDS ADVERTISEMENTS (ENLISH) ON A4 SHEET
   (MENTION- NAME ,CLASS ,SECTION AND ROLL NUMBER AT THE BACK OF THE SHEET)

GEOGRAPHY:
1. Revise the syllabus done in class thoroughly.
2. Complete your practical file.
3. Revise map of India done in class.

POLITICAL SCIENCE
1) Complete your notes .
2) Revise syllabus done in class.
3) To prepare project file.

HISTORY
1) Complete your notes
2) Revise syllabus done
3) Practice map work of chapters done in class
4) To prepare project file

ECONOMICS

1. Project work : Use of statistical tools.
a. Students will complete only one project in each academic session
b. Project should of 3500-4000 words (excluding diagrams & graphs), preferably hand written.
c. It will be an independent & self-directed piece of study.
   Suggestive list of Projects :-
➢ Project report on consumer Awareness.
➢ Demographic structure.
➢ Changing prices of the few vegetables in the market using Primary data.
➢ Study of Cooperative institutions (Milk cooperatives).
➢ Solar energy, a cost effective.
➢ Comparison with conventional energy sources.
➢ Any other newspaper article & its evaluation.
➢ Bumper production: - Boom or Bane for the farmer.
➢ Any other topic.
   Note :- Students must follow these steps while making a project.
✓ Choose a title / topic
✓ Collection of research material
✓ Organization of data
✓ Present material / data
✓ Analyzing the data.
✓ Draw the relevant conclusion
✓ Presentation of project work.

2. Essential Practical's :-

A) Complete the following observations:

➤ Statistics means _____

➤ Statistics & economics are _____

➤ The term population refers to _____

B) Write two such pairs of statistical variables that show cause & effect relationship with each other.

C) You have unlimited grants & limited resources to satisfy these. Explain by giving 2 examples.

3. "Secondary data are those which are already in existence & which have been collected for some purpose than the answering of the question in hand ". Substantiate this statement focusing on the difference between Primary & Secondary data.

4. How you would use lottery method to select 03 students out of 10 in you class?

5. Explain the concept of :

A) Class interval   B) Individual series C) Frequency array D) Frequency Distribution

B) **Note :- Learn all the chapters thoroughly . Be prepared for a short revision test from any of the chapters covered.**

ACCOUNTANCY

- Prepare project file on following Documents
- 1.cash memo
- 2.invoice
- 3.pay in slip
- 4.cheque
- 5.Debit note
- 6.credit note

BUSINESS STUDIES

1. Complete your project file in this summer vacations. You have to make project file report on the following topics:

    CHOOSE ANY 1

    - **Any Multi – National Company**
    - **Any Bank**
    - **Any Departmental Store**
    - **Any Mall**

    ❖ Contents of the reports need to be covered under this:

- Write the history of the organisation
- Write the organisational structure of the organisation.
- Write the various competitiors and suppliers of the organisation.
- Mention the SWOT anaylsis of the organisation.
- Mention the advertisement medium of the organisation for the promotion of their products.

❖ Guidelines for making the project report:
- Total pages – 25 to 30
- Files should be decorated properly
- Use only coloured sheets to make the file
- You can use your own creative ideas and skills to enhance the report outlook.
- Submission month of the file – July.

2. Revise and learn the entire syllabus covered in the class till now.

BIOLOGY -
1. Revise your syllabus thoroughly
2. Practice diagrams and cycles on your note books.
3. Complete your practical and project files.
4. Solve the assignment of every chapter forwarded to you.

PHYSICS -
1. Revise and solve NCERT questions of units and dimension and motion in 1D
2. Complete your practical and project files.
3. Solve the assignment forwarded to you.

CHEMISTRY –
1. Revise and solve NCERT questions of Some basic concepts of chemistry and Structure of Atoms.
2. Complete your practical files.
3. Solve the assignment forwarded to you.

PUNJABI :
*ਲੇਖ ਰਚਨਾ -
1 ਆਨ-ਲਾਈਨ ਖਰੀਦਦਾਰੀ
2 ਧਰਤੀ ਤੇ ਵੱਧ ਰਹੀ ਤਪਸ਼
3. ਚੋਣਾਂ ਦਾ ਦ੍ਰਿਸ਼
ਲੇਖ ਕਾਪੀ ਤੇ ਲਿਖੋ ਅਤੇ ਯਾਦ ਕਰੋ।
* ਜਮਾਤ ਵਿਚ ਕਰਵਾਏ ਕੰਮ ਦੀ ਦੁਹਰਾਈ ਕਰੋ।
* ਪ੍ਰੋਜੈਕਟ ਫਾਈਲ ਤਿਆਰ ਕਰੋ।

PHYSICAL EDUCATION
Complete your Practical File (SP Publisher).
1. Physical Fitness Test: SAI Khelo India test
2. Test 'Brockport Physical Fitness Test' (BPFT).
3. Yoga-Complete All Asanas in your practical file.
4. Any one game of your choice from the following games. A labeled diagram of field and equipment (rules,terminology and skills).
- Basketball
- Football
- Kabaddi

- Volley Ball
- Handball
- Hockey
- Cricket

MATHEMATICS

1. Prove that
   (a) (i) $A \subset (A \cup B)$ (ii) $B \subset (A \cup B)$ (b) (i) $(A \cap B) \subset A$ (ii) $(A \cap B) \subset B$
   If A={1,2,3,4,5}, B= {2,3,5,7,9} and C ={3,4,6,8,10} then prove that:
   $A \cap (B \cup C) = (A \cap B) \cup (A \cap C)$

2. If U ={1,2,3,4,5,6,7,8,9,10}, A =(1,2,3,4,5 }, B= {1,3,5,7,9} and C ={2,4,8,10}, verify that
   (i) $(A \cup B)^c = A^c \cap B^c$ (ii) $(A \cap B)^c = A^c \cup B^c$

3. If A={1,2,3}, B={4}, C={5}, then verify that (i) A ×(B∪ C)=(A×B)∪(A×C) (ii) A×(B∩ C)= (A×B) ∩ (A×C)
   (iii) A ×(B-C) =(A×B) – (A × C).

4. If A = {1,2,3} and B= {1,2}, then find (i) A×B (ii) B×A (iii) Is A×B= B×A?

5. Let A = {2,3,5,7}, B = {1,12,13,15}. How many elements are there in A×B? In B×A ?
   Is A×B = B×A ? Is n(A×B) = n (B×A) ?

6. Find domain and range of the following functions. (i) $f(x) = \frac{1}{x-5}$ (ii) $f(x) = \frac{3-x}{x-3}$ (iii) $f(x) = \frac{x^2-1}{x-1}$ (iv) $f(x) = \frac{|x-3|}{x-3}$ (v) $f(x) = \frac{1}{2-\sin 3x}$ (vi) $f(x) = \sqrt{3-2x}$ (vii) $f(x) = \frac{1}{\sqrt{x+2}}$

7. Prove that (i) $1+i^2 + i^4 + i^6 = 0$ (ii) $1+ i^{10}+ i^{100}+ i^{1000}= 2$ (iii) $i^{104}+ i^{109}+ i^{114}+ i^{119}=0$
   (iv) $\frac{1}{i} - \frac{1}{i^2} + \frac{1}{i^3} - \frac{1}{i^4} =0$ (v) $6i^{54}+5i^{37} -2i^{11}+6i^{68} =7i$ (vi) $\frac{i^{592}+i^{590}+i^{588}+i^{586}+i^{584}}{i^{582}+i^{580}+i^{578}+i^{576}+i^{574}} = -1$

8. Prove that $\frac{\sqrt{7}+i\sqrt{3}}{\sqrt{7}-i\sqrt{3}} + \frac{\sqrt{7}-i\sqrt{3}}{\sqrt{7}+i\sqrt{3}}$ is real.

9. Compute (i) $\sqrt{-49}(2 + \sqrt{-9})$ (ii) $[2+\sqrt{-25}] - [3- \sqrt{-16}] +[1- \sqrt{-9})]$

10. If Z_1, Z_2 are respectively 1–i , –2+4i. , find $I_m \{\frac{Z_1 Z_2}{Z_1}\}$

11. Solve the following system of inequations:
    $\frac{5x}{4} + \frac{3x}{8} > \frac{39}{8}$ and $\frac{2x-1}{12} - \frac{x-11}{3} < \frac{3x+1}{4}$

12. Solve the following system of inequations:
    $2(2x+3) – 10<6(x-2), \frac{2x-3}{4} + 6 \geq 2+\frac{4x}{3}$

13. In the first four examinations, each of 100 marks, Hameed got 94,73, 72, 84 marks. If the final average is greater than or equal to 80 and less than 90 is needed to obtain a final 'B' grade in a course, what range of marks in the fifth(last) examination will result in Hamid receiving 'B' grade in the course ?

14. Find all pairs of consecutive even positive integers, both of which are larger than 5, such that their sum is less than 23.

15. Shanta is three times of the age of her son. She has a grandson who is half of the age of her son and her grand daughter is the difference of one third of the age of her son and 3. Compare the age of her grand children and write who is older in the form of an inequation.

COMPUTER SCIENCE

1. Read the following chapters from text book:
   a. Computer System Organization
   b. Computational thinking and getting started with Python
   c. Python programming Fundamental
2. Complete the exercise and assignment questions of the above mentioned chapters from book.
3. Revise the theoretical concepts of programming.

PAINTING

Theory :-
UNIT 2 – General introduction of Art during Gupta Period and Art of Ajanta.

Practical :-
Two Still Life, One land Scape, One Pencil Sketch (Size-1/4 Thick Sheet, Use any colours).

MUSIC

1: Revise the questions done in the class
2: complete your file
Topics
Nada
Shruti
Swar
Saptak
Thaat
3:life sketch and contribution of Tansen
4: knowledge of the structure of tanpura
5:Taal teen tala
6: write about notation and introduction of raag bhimplasi