St. Andrews Scots Sr. Sec. School

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Class XI Session: 2024-25 HOLIDAY HOMEWORK

| ENGLISH | I. THE LESSON 'THE PORTRAIT OF A LADY' SUGGESTS A GROWING DISTANCE BETWEEN THE YOUNGER AND OLDER GENERATION. WRITE A SPEECH IN ABOUT 150 WORDS TO BE DELIVERED IN THE MORNING ASSEMBLY OF THE SCHOOL ON THE ABOVE TOPIC, ON THE BASIS OF YOUR READING OF THE TEXT.

II. DISPLAY ADVERTISEMENTS INFORMS THE PUBLIC ABOUT A BUSINESS, A PRODUCT, OR A SERVICE. THEY CONTAIN ARTWORK AND OTHER RELEVANT INFORMATION, AND MUST BE VISUALLY APPEALING AS WELL. DESIGN A DISPLAY ADVERTISEMENT ON ANY ONE OF THE FOLLOWING TOPICS-

A) YOUR SCHOOL IS STAGING A PLAY TO RAISE AWARENESS ABOUT SAVING THE GIRL CHILD. DRAFT A DISPLAY ADVERTISEMENT FOR THE LOCAL NEWSPAPER GIVING ALL THE NECESSARY DETAILS ABOUT THE EVENT.

B) JAGRITI ALLIANCE, AN NGO, IS HOLDING A WORKSHOP IN YOUR CITY TO RAISE AWARENESS ABOUT THE IMPORTANCE OF VOTING FOR THE FIRST TIME VOTERS. DRAFT AN ADVERTISEMENT AND GIVE ALL THE NECESSARY DETAILS.

III. NEWSPAPER ACTIVITY:

A)   LOOK FOR THE CLASSIFIED ADVERTISEMENTS IN YOUR LOCAL DAILY AND PASTE THEM IN YOUR NOHEBOOK. MINIMUM TWO IN EACH CATEGORY: SITUATION VACANT AND WANTED, FOR SALE, TO-LET , ETC.

B)   READING THE NEWSPAPER IS A HABIT THAT WILL HELP YOU THROUGHOUT YOUR LIFE, BECAUSE OF THE MANY BENEFITS IT HAS. THIS VACATION, USE THE NEWSPAPER TO ENHANCE YOUR VOCABULARY. AS YOU READ THE NEWSPAPER, PICK A NEW WORD THAT YOU COME ACROSS. CUT OUT THE PORTION OF THE PAPER THAT CONTAINS THE WORD. PASTE IT IN YOUR NOTEBOOK AND HIGHLIGHT THAT WORD. LOOK UP THE MEANING AND USAGE AND FRAME 2 SENTENCES USING THE NEW WORD YOU HAVE LEARNT. DO THIS ACTIVITY TILL YOU HAVE AT LEAST 25 NEW WORDS IN YOUR REPERTOIRE. |
| PHYSICS | COMPLETE NCERT EXERCISE AND INTEXT QUESTIONS AND EXAMPLES OF CHAPTER -1,2 AND CHAPTER -3 UPTO VECTORS. |

CHEMISTRY	COMPLETE NCERT EXERCISE AND INTEXT QUESTIONS OF FOLLOWING CHAPTERS SOME BASIC CONCEPTS OF CHEMISTRY STRUCTURE OF ATOMS PERIODIC TABLE
MATHEMATICS	COMPLETE THE WORKSHEET PROVIDED IN CLASS GROUP
BIOLOGY	MAKE GIVEN PROJECTS ON THE BASIS OF GIVEN HEADINGS. FORM 1 MARK QUESTIONS INCLUDING ASSERTION REASON AND MCQ FROM CHAPTER 1,2 .
COMPUTER SCIENCE	**ANSWER THE FOLLOWING QUESTIONS IN YOUR SUBJECT NOTEBOOK.** Q1. WHAT ARE VARIOUS CATEGORIES OF SOFTWARE? Q2. WHAT IS THE DIFFERENCE BETWEEN AN INTERPRETER AND A COMPILER? Q3. WHAT IS AN APPLICATION SOFTWARE? WHY IS IT REQUIRED? Q4. DISCUSS THE ROLE OF UTILITY SOFTWARE IN THE CONTEXT OF COMPUTER PERFORMANCE. Q5. WRITE IMPORTANT FUNCTIONS OF AN OPERATING SYSTEM AS A PROCESS MANAGER, FILE MANAGER, DEVICE MANAGER AND MEMORY MANAGER. Q6. TANIYA IS A BEGINNER OF USING SOFTWARE. SHE OPENED A START-UP COMPANY TO DO BUSINESS. SHE WANTS TO PURCHASE SOME SOFTWARE FOR WRITING REPORTS, SAVING EMPLOYEES DATA, MATHEMATICAL CALCULATIONS, WATCHING VIDEOS, LISTENING MUSIC, PRESENTATION IN MEETING, REAL TIME COMMUNICATION WITH AUDIO & VIDEO AND EMAIL. SHE IS CONFUSED TO TAKE PROPER DECISION FOR FEW APPLICATIONS SOFTWARE. BEING A WELL-WISHER OF TANIYA, WHAT WILL YOU SUGGEST HER TO PURCHASE THE SOFTWARE FOR THE SAID PURPOSES. (I) WRITING REPORT IN OFFICE. (II) DATABASE SOFTWARE TO SAVE EMPLOYEE DATA. (III) SOFTWARE FOR MATHEMATICAL CALCULATIONS. (IV) SOFTWARE FOR REAL TIME COMMUNICATION WITH AUDIO & VIDEO. (V) APPLICATION SOFTWARE FOR EMAIL COMMUNICATION. * COMPLETE YOUR NOTEBOOK AND LEARN ALL THE CHAPTERS COMPLETED FOR PA1. **Activity:**

	Visit the weblink given below and play the fun operating system game. **https://planeta42.com/it/funos/game.html**
INFORMATICS PRACTICES	* SOLVE THE PROVIDED WORKSHEET IN YOUR NOTEBOOK. * LEARN CH-1,2,3,4 * COMPLETE NOTEBOOK TILL CH-4
ACCOUNTANCY	**PROJECT WORK** NO. OF PAGES: 5 TO 6 PAGES NOTE DOWN THE TRANSACTIONS FOR 15 DAYS FROM JUNE 1ST JUNE 2024 TO 15TH JUNE 2024 OF THE BUSINESS ORGANISATION AND PREPARE AN ACCOUNTING EQUATION FOR THE TRANSACTIONS THAT HAS BEEN NOTED.: 1. GROCERY SHOP 2. SALON 3. COSMETIC SHOP 4. OPTICIAN 5. BAKERY SHOP 6. SWEET SHOP 7. OR ANY FORM OF BUSINESS ORGANIZATION. PREPARE AN ACCOUNTING EQUATION FOR THE TRANSACTIONS THAT HAS BEEN NOTED. **ASSIGNMENT SHEET** SOLVE THE ASSIGNMENT SHEET GIVEN BELOW IN REGISTER **ACCOUNTING EQUATION** Q1 : PREPARE ACCOUNTING EQUATION ON THE BASIS OF THE FOLLOWING: (A) HARSHA STARTED BUSINESS WITH CASH RS 2,00,000 (B) PURCHASED GOODS FROM NAMAN FOR CASH RS 40,000 (C) SOLD GOODS TO BHANU COSTING RS 10,000/- RS 12,000 (D) BOUGHT FURNITURE ON CREDIT RS 7,000 Q2 : PREPARE ACCOUNTING EQUATION FROM THE FOLLOWING: (A) KUNAL STARTED BUSINESS WITH CASH 2,50,000 (B) HE PURCHASED FURNITURE FOR CASH 35,000 (C) HE PAID COMMISSION 2,000 (D) HE PURCHASES GOODS ON CREDIT 40,000 (E) HE SOLD GOODS (COSTING RS 20,000) FOR CASH 26,000 Q3 : MOHIT HAS THE FOLLOWING TRANSACTIONS, PREPARE ACCOUNTING EQUATION: (A) BUSINESS STARTED WITH CASH 1,75,000 (B) PURCHASED GOODS FROM ROHIT 50,000 (C) SALES GOODS ON CREDIT TO MANISH (COSTING RS 17,500) 20,000 (D) PURCHASED FURNITURE FOR OFFICE USE 10,000 (E) CASH PAID TO ROHIT IN FULL SETTLEMENT 48,500 (F) CASH RECEIVED FROM MANISH 20,000 (G) RENT PAID 1,000

(H) CASH WITHDREW FOR PERSONAL USE 3,000

Q4 : ROHIT HAS THE FOLLOWING TRANSACTIONS:
(A) COMMENCED BUSINESS WITH CASH 1,50,000
(B) PURCHASED MACHINERY ON CREDIT 40,000
(C) PURCHASED GOODS FOR CASH 20,000
(D) PURCHASED CAR FOR PERSONAL USE 80,000
(E) PAID TO CREDITORS IN FULL SETTLEMENT 38,000
(F) SOLD GOODS FOR CASH COSTING RS 5,000 4,500
(G) PAID RENT 1,000
(H) COMMISSION RECEIVED IN ADVANCE 2,000

Q5 : USE ACCOUNTING EQUATION TO SHOW THE EFFECT OF
THE FOLLOWING TRANSACTIONS OF M/S ROYAL
TRADERS:
(A) STARTED BUSINESS WITH CASH 1,20,000
(B) PURCHASED GOODS FOR CASH 10,000
(C) RENT RECEIVED 5,000
(D) SALARY OUTSTANDING 2,000
(E) PREPAID INSURANCE 1,000(F) RECEIVED INTEREST 700
(G) SOLD GOODS FOR CASH (COSTING RS 5,000) 7,000
(H) GOODS DESTROYED BY FIRE 500

Q6 : SHOW THE ACCOUNTING EQUATION ON THE BASIS OF
THE FOLLOWING TRANSACTION:
(A) UDIT STARTED BUSINESS WITH:
(I) CASH
(II) GOODS
(B) PURCHASED BUILDING FOR CASH
(C) PURCHASED GOODS FROM HIMANI
(D) SOLD GOODS TO ASHU (COST RS 25,000)
(E) PAID INSURANCE PREMIUM
(F) RENT OUTSTANDING
(G) DEPRECIATION ON BUILDING
(H) CASH WITHDRAWN FOR PERSONAL USE
(I) RENT RECEIVED IN ADVANCE
(J) CASH PAID TO HIMANI ON ACCOUNT
(K) CASH RECEIVED FROM ASHU

Q7 : SHOW THE EFFECT OF THE FOLLOWING TRANSACTIONS
ON ASSETS, LIABILITIES AND CAPITAL
THROUGH ACCOUNTING EQUATION:
(A) STARTED BUSINESS WITH CASH
(B) RENT RECEIVED
(C) INVESTED IN SHARES
(D) RECEIVED DIVIDEND
(E) PURCHASE GOODS ON CREDIT FROM RAGANI
(F) PAID CASH FOR HOUSE HOLD EXPENSES
(G) SOLD GOODS FOR CASH (COSTING RS 10,000)
(H) (I) CASH PAID TO RAGANI DEPOSITED INTO BANK

Q8 : SHOW THE EFFECT OF FOLLOWING TRANSACTION ON THE
ACCOUNTING EQUATION:
(A) MANOJ STARTED BUSINESS WITH
(I) CASH 2,30,000

	(II) GOODS 1,00,000 (III) BUILDING 2,00,000 (B) HE PURCHASED GOODS FOR CASH 50,000 (C) HE SOLD GOODS(COSTING RS 20,000) 35,000 (D) HE PURCHASED GOODS FROM RAHUL 55,000 (E) HE SOLD GOODS TO VARUN (COSTING RS 52,000) 60,000 (F) HE PAID CASH TO RAHUL IN FULL SETTLEMENT 53,000 (G) SALARY PAID BY HIM 20,000 (H) RECEIVED CASH FROM VARUN IN FULL SETTLEMENT 59,000 (I) RENT OUTSTANDING 3,000 (J) PREPAID INSURANCE 2,000 (K) COMMISSION RECEIVED BY HIM 13,000 (L) AMOUNT WITHDRAWN BY HIM FOR PERSONAL USE 20,000 (M) DEPRECIATION CHARGE ON BUILDING 10,000 (N) FRESH CAPITAL INVESTED 50,000(O) PURCHASED GOODS FROM RAKHI 6,000
BUSINESS STUDIES	MAKE THE LIST OF BUSINESSMEN WHO WON THE PRIZE IN THE RESPECTIVE FIELDS. Q1.)WHICH OF THE FOLLOWING IS NOT A CHARACTERISTIC OF THE SOLE PROPRIETORSHIP FORM OF ORGANISATION? EXPLAIN THE REST. A. THERE IS EASE IN FORMATION AS WELL AS CLOSURE OF BUSINESS. B. SOLE PROPRIETORS HAVE LIMITED LIABILITY. C. THE SOLE PROPRIETOR CAN CARRY OUT HIS PLANS WITHOUT ANY INTERFERENCE FROM OTHERS. D. DEATH, INSANITY, IMPRISONMENT, PHYSICAL AILMENT OR BANKRUPTCY OF THE SOLE PROPRIETOR WILL HAVE A DIRECT AND DETRIMENTAL EFFECT ON THE BUSINESSAND MAY EVEN CAUSE CLOSURE OF THE BUSINESS. Q2.) IDENTIFY THE DOCUMENT USED FOR CARRYING OUT TRANSACTIONS IN WHICH MONEY PASSED FROM HAND TO HAND IN ANCIENT TIMES. EXPLAIN ITS TYPES. A. CHEQUES B. BILL OF EXCHANGE C. HUNDI D. DEMAND DRAFT Q3.) DESCRIBE THE DIFFERENT TYPES OF RISK INVOLVED IN BUSINESS TRANSACTIONS. Q4.) DEFINE BUSINESS. DISTINGUISH IT FROM PROFESSION

	AND EMPLOYMENT.

Q5.) 'ALTHOUGH EARNING PROFIT CANNOT BE THE ONLY OBJECTIVE OF A BUSINESS, IT'S IMPORTANCE CANNOT BE IGNORED.' WHAT ARE MULTIPLE OBJECTS OF A BUSINESS? EXPLAIN OTHER THREE OBJECTIVES. ALSO STATE WHY PROFIT IS IMPORTANT?

Q6. ACCORDING TO PARTNERSHIP ACT,1932 IT IS NOT COMPULSORY FOR A PARTNERSHIP FIRM TO GET ITSELF REGISTERED, THEN WHY DO PARTNERS PREFER TO GET THE FIRM REGISTERED?

Q7. WHY IS IT IMPORTANT TO CHOOSE AN APPROPRIATE FORM OF ORGANIZATION? DISCUSS THE FACTORS THAT DETERMINE THE CHOICE OF FORM OF ORGANIZATION.

Q8. WHAT IS THE EFFECT OF CONCLUSIVENESS OF THE 'CERTIFICATE OF INCORPORATION' AND 'COMMENCEMENT OF BUSINESS'?

Q9. DISTINGUISH BETWEEN 'MEMORANDUM OF ASSOCIATION' AND 'ARTICLE OF ASSOCIATION'.

Q10. WHAT ARE SOME BIG EXCELLENCY AWARDS IN THE BUSINESS INDUSTRY? |
| ECONOMICS | **ASSIGNMENT (MICRO ECONOMICS- CONSUMER'S EQUILIBRIUM) :**

1. A CONSUMER CONSUMES ONLY TWO GOODS AND IS IN EQUILIBRIUM. SHOW THAT PRICE AND DEMAND FOR A GOOD ARE INVERSELY RELATED. EXPLAIN USING UTILITY ANALYSIS.
2. A CONSUMER CONSUMES ONLY TWO GOODS X AND Y AND IS IN EQUILIBRIUM. PRICE OF GOOD Y FALLS. EXPLAIN THE REACTION OF CONSUMER THROUGH UTILITY ANALYSIS.
3. STARTING FROM THE POINT OF CONSUMER EQUILIBRIUM, SUPPOSE MU OF A RUPEE INCREASES. TELL HOW IS IT GOING TO MAKE AN IMPACT ON QUANTITY DEMANDED?
4. A CONSUMER WANTS TO CONSUME TWO GOODS X & Y. THE PRICES OF X AND Y GOODS ARE RS 4 AND RS 5 RESPECTIVELY. THE CONSUMER'S INCOME IS RS 20.
(I) WRITE DOWN THE EQUATION OF THE BUDGET LINE.
(II) HOW MUCH OF GOOD X CAN THE CONSUMER PURCHASE IF SHE SPENDS HER ENTIRE INCOME ON THAT GOOD?
(III) HOW MUCH OF GOOD Y CAN SHE CONSUME IF SHE SPENDS HER ENTIRE INCOME ON THAT GOOD?
(IV) WHAT IS THE SLOPE OF THE BUDGET LINE?
5. SUPPOSE A CONSUMER CAN AFFORD TO BUY 6 UNITS OF GOOD 1 AND 8 UNITS OF GOOD 2 IF SHE SPENDS HER ENTIRE INCOME. THE PRICES OF THE TWO GOODS ARE RS 6 AND RS 8 RESPECTIVELY. HOW MUCH IS THE CONSUMER'S INCOME?
6. A CONSUMER CONSUMES ONLY TWO GOODS X AND Y. AT A CONSUMPTION LEVEL OF THESE TWO GOODS, HE FINDS THAT |

	THE RATIO OF MARGINAL UTILITY OF PRICE IN CASE OF X IS HIGHER THAN IN CASE OF Y. EXPLAIN THE REACTION OF THE CONSUMER.
	7. ANALYSE THE PROPERTIES OF INDIFFERENCE CURVE WITH THE HELP OF DIAGRAM.
	
	PREPARE A PPT ON ANY ONE OF THE FLLOWING TOPIC
	    1) ORGANIC FARMING
	    2) SUSTAINABLE DEVELOPMENT
	    3) ROLE OF COOPERATIVES

HISTORY	1. COMPLETE QUESTION ANSWER OF CHAPTER 1& 2 IN YOUR NOTEBOOK.. 2. CHOOSE ANY ONE TOPIC FROM YOUR TEXT BOOK FOR PROJECT AND COLLECT CONTENT IN ANY FOR (REFERENCE, HAND WRITTEN POINTS , PICTURE, DATA, MAP ETC)
SOCIOLOGY	1. COMPLETE NOTES IN YOUR NOTEBOOK FOR CHAPTER 1AND 2. 2. SELECT ANY TOPIC FOR YOUR PROJECT... COLLECT CONTENT ,PICTURE, DATA PIE CHART ECT
POLITICAL SCIENCE	COMPLETE THE NOTES OF CH 1,2,&6 LEARN ALL THE CHAPTERS
PSYCHOLOGY	COMPLETE THE NOTES OF CH 1
PAINTING	*COMPLETE YOUR A2 SIZE PRACTICAL FILE* 1.MAKE 10 PAINTINGS ON YOUR A2 SIZE ART FILE NICELY WITH WATER COLOURS/POSTER COLOURS/MIX MEDIA/PENCIL SHADING. *a) MODERN ART/ABSTRACT ART USING DIFFRENT FLOWERS /BIRDS IMAGES b)LANDSCAPE WITH HUMAN FIGURES , c) FOLK ART (KERLA MURAL/MADHUBANI PAINTING/WARLI ART. d) NATURE SCAPE WITH PENCIL/CHARCOLE SHADING e) MAKE A POSTER ON " CLIMATE CHANGE AND GLOBAL WARMING " OR "BEAT THE HEAT" 2. MAKE A MURAL PAINTING ON A4 SIZE MOUNT BOARD WITH ACRYLIC COLOURS , TOPIC -" NATURE" 3.PAINTING THEORY: a)WRITE DOWN ALL THE QUESTIONS AND ANSWERS (GIVEN IN THE PAINTING GROUP) IN PAINTING THEORY NOTEBOOK FROM FOLLOWING CHAPTERS *.PRE HISTORIC ART *.SHADANGAS OF INDIAN ART

PHYSICAL EDUCATION	MAKE A PRESENTATION ON PRACTICAL 1 & 2 **PRACTICAL 1** 1)MEANING AND IMPORTANCE OF YOGA 2)ELEMENTS OF YOGA 3)INTRODUCTION-ASANAS,PRANAYAM,MEDICATION & YOGIC KRIYAS 4)YOGA FOR CONCENTRATION & RELATED ASANAS (SUKHASANA; TADASANA; PADMASANA & SHASHANKASANA, NAUKASANA, VRIKSHASANA(TREE POSE), GARUDASANA(EAGLE POSE) RELAXATION TECHNIQUES FOR IMPROVING CONCENTRATION-YOG NIDRA **PRACTICAL 2** LABELLED DIAGRAM OF FIELD & EQUIPMENT OF ANY GAME OF YOUR CHOICE OUT OF THE FOLLOWING: ***** SHOOTING * SWIMMING * TENNIS * FOOTBALL * YOGA * BASKETBALL * CRICKET
EG	CHAPTER 1: LINES ,ANGLES AND RECTILINEAR FIGURES(ALL SOLVED EXAMPLES PRACTICE ALONG WITH UNSOLVED BACK EXERCISE PROBLEMS) CHAPTER 2: CIRCLES AND TANGENTS (DRAWING OF DIFFERENT TYPES OF TANGENTS) PRACTICAL ACTIVITIES: DEVELOPING THE FOLLOWING SOLIDS WITH THD HELP OF CARDBOARD WITH THICK PAPER. SUCH AS : CUBE ,CUBOID , PRISMS AND PYRAMIDS(TRIANGULAR, SQUARE,PENTAGONAL AND HEXAGONAL)