



ASIAN INTERNATIONAL SCHOOL

SYLLABUS

SESSION: 2022-2023

CLASS: XII SCI

SUBJECT: ENGLISH

PA 1

PT1 (20 MARKS, MAY)

- EVANS TRIES AN O LEVEL
- THE ENEMY
- MY MOTHER AT SIXTY SIX
- AUNT JENNIFER'S TIGERS
- SHOULD WIZARD HIT MOMMY
- MEMORIES OF CHILDHOOD
- LETTER WRITING
- NOTICE

PT2 (20 MARKS, JULY)

- THE LAST LESSON
- THE LOST SPRING
- DEEP WATER
- INDIGO
- THE RATTRAP
- ADVERTISEMENT
- REPORT WRITING
- COMPREHENSION

PT 3 (10 MARKS, AUGUST)

- ON THE FACE OF IT
- POETS AND PANCAKES
- THE INTERVIEW
- AN ELEMENTARY SCHOOL CLASSROOM IN A SLUM

TEE 1 (40 MARKS, SEPTEMBER)

- GOING PLACES
- THE INTERVIEW
- A THING OF BEAUTY
- EVANS TRIES AN O LEVEL
- THE ENEMY
- MY MOTHER AT SIXTY SIX
- AUNT JENNIFER'S TIGERS
- SHOULD WIZARD HIT MOMMY
- THE LAST LESSON
- THE LOST SPRING
- DEEP WATER
- INDIGO
- THE RATTRAP
- ON THE FACE OF IT
- POETS AND PANCAKES
- THE INTERVIEW
- AN ELEMENTARY SCHOOL CLASSROOM IN A SLUM
- COMPREHENSION

- ARTICLE WRITING
- LETTER WRITING

SUBJECT: CHEMISTRY

PA 1

PT 1 (20 MARKS, MAY)

1. THE SOLID STATE
2. SOLUTIONS
3. CHEMICAL KINETICS

PT 2 (20 MARKS, JULY)

1. ALCOHOLS, PHENOLS AND ETHERS
2. ELECTROCHEMISTRY

PT 3 (10 MARKS, AUGUST)

1. THE *D* AND *F*- BLOCK ELEMENTS
2. SURFACE CHEMISTRY

TEE 1 (35 MARKS, SEPTEMBER)

1. ALDEHYDES, KETONES AND CARBOXYLIC ACIDS
2. THE *P*- BLOCK ELEMENTS
3. BIOMOLECULES

+ ALL CHAPTERS FROM PT1, PT2 AND PT3

PRACTICALS

1. TESTS FOR FUNCTIONAL GROUPS PRESENT IN ORGANIC COMPOUNDS
2. VOLUMETRIC ANALYSIS
3. QUALITATIVE ANALYSIS

SUBJECT: BIOLOGY

PA 1

PT 1 (20 MARKS, MAY)

- REPRODUCTION IN ORGANISMS
- SEXUAL REPRODUCTION IN FLOWERING PLANTS
- HUMAN REPRODUCTION

PT 2 (20 MARKS, JULY)

- REPRODUCTIVE HEALTH
- PRINCIPLES OF INHERITANCE AND VARIATION
- MOLECULAR BASIS OF INHERITANCE

PT 3 (10 MARKS, AUGUST)

- EVOLUTION
- MICROBES IN HUMAN WELFARE

TEE 1 (35 MARKS, SEPTEMBER)

- HUMAN HEALTH AND DISEASES
- STRATEGIES FOR ENHANCEMENT IN FOOD PRODUCTION
- BIOTECHNOLOGY PRINCIPLES AND PROCESSES
- BIOTECHNOLOGY AND ITS APPLICATION
- REPRODUCTION IN ORGANISMS
- SEXUAL REPRODUCTION IN FLOWERING PLANTS
- HUMAN REPRODUCTION
- REPRODUCTIVE HEALTH
- PRINCIPLES OF INHERITANCE AND VARIATION
- MOLECULAR BASIS OF INHERITANCE
- EVOLUTION
- MICROBES IN HUMAN WELFARE

SUBJECT: PHYSICS**PA 1****PT 1 (20 MARKS, MAY)**

ELECTRIC CHARGES AND FIELDS

PT 2 (20 MARKS, JULY)

ELECTROSTATIC POTENTIALS AND CAPACITORS, CURRENT
ELECTRICITY

PT 3 (10 MARKS, AUGUST)

MOVING CHARGES AND MAGNETISM,
MAGNETISM AND MATTER

TEE 1 (35 MARKS, SEPTEMBER)

ELECTROMAGNETIC INDUCTION, ALTERNATING CURRENT,
ELECTROMAGNETIC WAVES, PT1,PT2,PT3 CHAPTERS

SUBJECT: MATHEMATICS

PA 1

PT 1 (20 MARKS, MAY)

1. RELATION AND FUNCTIONS
2. INVERSE TRIGONOMETRIC FUNCTIONS

PT 2 (20 MARKS, JULY)

1. MATRICES
2. DETERMINANTS

PT 3 (10 MARKS, AUGUST)

1. CONTINUITY AND DIFFERENTIABILITY

TEE 1 (40 MARKS, SEPTEMBER)

1. RELATION AND FUNCTION(Continue)
2. INVERSE TRIGONOMETRIC FUNCTIONS(Continue)
3. MATRICES(Continue)
4. DETERMINANTS(Continue)
5. CONTINUITY AND DIFFERENTIABILITY (Continue)
6. APPLICATION OF DERIVATIVES
7. LINEAR PROGRAMMING

PROJECT

TO MINIMISE THE COST OF THE FOOD, MEETING THE DIETARY REQUIREMENTS OF THE STAPLE FOOD OF THE ADOLESCENT STUDENTS OF YOUR SCHOOL.

SUBJECT:HINDI

PA 1

PT 1 (20 MARKS, MAY)

आरोहभाग-2

गद्यभाग:-

- भक्तिन
- बाजारदर्शन

पद्यभाग:-

- आत्मपरिच, एकगीत
- पतंग

वितानभाग-2

- सिल्वरवैडिंग

रचनात्मकलेखनएवंजनसंचार-

- पत्र, संचारमाध्यमअर्थएवंप्रकृति
- अपठितगद्यांश, पद्यांश

PT 2 (20 MARKS, JULY)

आरोहभाग-2

गद्यभाग—

- कालेमेघापानीदे
- पहलवानकीढोलक ● चालींचैप्लिनयानीहमसब

पद्यभाग:-

- कविताकेबहाने
- बातसीधीथीपर
- कैमरेमेंबंदअपाहिज

वितानभाग-2

- जूझ

रचनात्मकलेखनएवंजनसंचार—

- प्रिंटमाध्यम
- संस्कृतिनिबंध
- अपठितगद्यांश, पद्यांश

PT 3 (10 MARKS, AUGUST)

आरोहभाग-2

गद्यभाग:-

- नामक

पद्यभाग—

- सहर्षस्वीकाराहै
- उषा

TEE 1 (40 MARKS, SEPTEMBER)

आरोहभाग-2

गद्यभाग:-

- भक्तिन
- बाजारदर्शन

- कालेमेघापानीदे

- पहलवानकीढोलक ● चालींचैप्लिनयानीहमसब
- नामक

पद्यभाग:-

- आत्मपरिच, एकगीत
- पतंग
- कविताकेबहाने

- बातसीधीथीपर
- कैमरेमेंबंदअपाहिज

वितान-

- सिल्वरवैडिंग
- जूझ

रचनात्मकलेखनएवंजनसंचार-

- अपठितगद्यांश, पद्यांश
- रिपोर्टलेखन
- आलेखलेखन
- फीचरलेखन
- जनसंचारमाध्यम

PROJECT

किन्हींचारसाहित्कार
जीवनपरिचायलिखें।

SUBJECT: WEB APPLICATION

PA 1

PT 1 (20 MARKS, MAY)

- 1) COMMUNICATION SKILLS
- 2) SELF MANAGEMENT SKILLS

PT 2 (20 MARKS, JULY)

- 1) ICT SKILLS
- 2) MOVIE EDITTING TOOLS

PT 3 (10 MARKS, AUGUST)

- 1) WEB SCRIPTING JAVA SCRIPT

TEE 1 (30 MARKS, SEPTEMBER)

- 1) COMMUNICATION SKILLS
- 2) SELF MANAGEMENT SKILLS
- 3) ICT SKILLS
- 4) MOVIE EDITTING TOOLS
- 5) WEB SCRIPTING JAVA SCRIPT
- 6) CUSTOMIZING AND EMBEDDING MULTIMEDIA COMPONENTS IN WEB PAGES

SUBJECT: COMPUTER SCIENCE

PA 1

PT 1 (20 MARKS, MAY)

COMPUTATIONAL THINKING & PROGRAMMING - II
(REVIEW OF PYTHON BASICS, FUNCTIONS, USING PYTHON LIBRARIES)

PT 2 (20 MARKS, JULY)

COMPUTATIONAL THINKING & PROGRAMMING - II
(DATA FILE HANDLING , PROGRAM EFFICIENCY, DATA STRUCTURE IN PYTHON)

PT 3 (10 MARKS, AUGUST)

COMPUTER NETWORKS – I

TEE I (35 MARKS, SEPTEMBER)

COMPUTER NETWORKS – II
COMPUTATIONAL THINKING & PROGRAMMING - II

PROJECT

BANKING / HOSPITAL MANAGEMENT SYSTEM
TICKET BOOKING SYSTEM

SUBJECT: INFORMATICS PRACTICES

PA 1

PT 1 (20 MARKS, MAY)

- DATA HANDLING USING PANDAS – I
- DATA HANDLING USING PANDAS – II

PT 2 (20 MARKS, JULY)

- DATA HANDLING USING PANDAS – II
- DATA VISUALIZATION – I

PT 3 (10 MARKS, AUGUST)

- DATA VISUALIZATION – I

TEE 1 (35MARKS, SEPTEMBER)

- DATA HANDLING USING PANDAS
- DATA VISUALIZATION
- SOCIETAL IMPACTS

PROJECT

- BANKING / HOSPITAL MANAGEMENT SYSTEM
- TICKET BOOKING SYSTEM

SUBJECT:P.ED

PA 1

PT 1 (20MARKS, MAY)

- UNITI-PLANNINGINSPTS
- UNITII-SPORTS&NUTRITION

PT 2 (20 MARKS, JULY)

- UNITIII-YOGA&LIFESTYLE
- UNITIV-
PHYSICALEDUCATION&SPORTSFORCWSN(CHILDRENWITHSPECI
ALNEED /DIVYANG)

PT 3 (10 MARKS, AUGUST)

UNITV-CHILDREN&WOMEN IN SPORTS

TEE 1 (35 MARKS, SEPTEMBER)

- CT- CT-1,CT-2&PT-1
- UNIT-I TO UNIT-V FOR THEORY

PRACTICAL-(15)

- MOTOR FITNESS TEST
- MAJOR GAMES (SKILL OF ANYONE GAME OF CHOICE FROM BASKETBALL, FOOTBALL,KABADDI,KHO-KHO,VOLLEYBALL,CRICKET)
- YOGIC PRACTICE
- VIVAVOCE

- N.B.:THE SYLLABUS IS SUBJECT TO CHANGE AS PER THE DIRECTIVES GIVEN BY HONOURABLE CBSE.