# DAV PUBLIC SCHOOL

UPPAL'S SOUTHEND, SECTOR 49, GURUGRAM

# ORIENTATION SESSION CLASS X

# DAV PUBLIC SCHOOL
# UPPAL'S SOUTHEND, SECTOR-49, GURUGRAM

## CBSE RESULT CLASS X-2020 - 21

| | |
|---|---|
| NO. OF STUDENTS APPEARED | 187 |
| QPI | 88.86 |
| PASS PERCENTAGE | 100% |
| I DIVISIONS | 187 |
| II DIVISIONS | - |
| TOTAL DISTINCTIONS | 178 |
| STUDENTS SECURING 95% & ABOVE | 33 |
| STUDENTS SECURING 90% - 94.9% | 67 |

# CBSE/DIR (ACAD)/2021 Date: July 05, 2021 Circular No: Acad-51/20

**Special Scheme of Assessment for Board Examination Class X for the Session 2021-22**

# SALIENT FEATURES

1. Academic session to be divided into 2 Terms with approximately 50% syllabus in each term.

2. The syllabus for the Board examination 2021-22 will be rationalized.

3. Efforts will be made to make Internal Assessment/ Practical/ Project work more credible and valid.

4. Classes IX-X: Internal Assessment (throughout the year-irrespective of (Term I and II) would include the 3 periodic tests, student enrichment, portfolio and practical work/ speaking listening activities/ project.

# Term I Examinations:

1. At the end of the first term, the Board will organize Term I Examination in a flexible schedule to be conducted between November-December 2021.

2. The Question Paper will have Multiple Choice Questions (MCQ) including case-based MCQs and MCQs on assertion- reasoning type. Duration of test will be 90 minutes and it will cover only the rationalized syllabus of Term I only (i.e. approx. 50% of the entire syllabus).

3. The responses of students will be captured on OMR sheets.

4. Marks of the Term I Examination will contribute to the final overall score of students

# Term II Examination/ Year-end Examination:

1. At the end of the second term, the Board would organize Term II or Year end Examination based on the rationalized syllabus of Term II only (i.e.approximately 50% of the entire syllabus).

2. This examination would be held around March-April 2022 at the examination centres fixed by the Board.

3. The paper will be of 2 hours duration and have questions of different formats (case-based/ situation based, open ended- short answer/ long answer type).

4. In case the situation is not conducive for normal descriptive examination a 90 minute MCQ based exam will be conducted at the end of the Term II also.

5. Marks of the Term II Examination would contribute to the final overall score.

# Term I Assessment Weightage

| INTERNAL ASSESSMENT | MARKS |
|---|---|
| PERIODIC TEST | 3 |
| MULTIPLE ASSESSMENTS | 2 |
| PORTFOLIO | 2 |
| STUDENT ENRICHMENT ACTIVITIES-PRACTICAL WORK | 3 |
| TERM 1 PAPER | 40 |
| TOTAL | 50 |

# Term II Assessment Weightage

| INTERNAL ASSESSMENT | MARKS |
|---|---|
| PERIODIC TEST | 3 |
| MULTIPLE ASSESSMENTS | 2 |
| PORTFOLIO | 2 |
| STUDENT ENRICHMENT ACTIVITIES-PRACTICAL WORK | 3 |
| TERM II PAPER | 40 |
| TOTAL | 50 |

# SAMPLE PAPERS

http://cbseacademic.nic.in/SQP_CLASSX_2021-22.html



**Class X Sample Question Paper & Marking Scheme for Exam 2021-22**

| Subject | Sample Question Paper | Marking Scheme |
|---|---|---|
| Science | SQP | MS |
| Elements of Book Keeping and Accountancy | SQP | MS |
| Elements of Business | SQP | MS |
| English (Language & Literature) | SQP | MS |
| Hindi A | SQP | MS |
| Hindi B | SQP | MS |
| Home Science | SQP | MS |
| Computer Application | SQP | MS |
| Mathematics (Basic) | SQP | MS |
| Mathematics (Standard) | SQP | MS |
| Social Science | SQP | MS |
| NCC | SQP | MS |
| Hindustani Music (Melodic) | SQP | MS |
| Hindustani Music (Percussion) | SQP | MS |
| Hindustani Music (Vocal) | SQP | MS |
| Carnatic Music-Melodic Instruments | SQP | MS |
| Carnatic Music-Percussion Instruments | SQP | MS |
| Carnatic Music-Vocal | SQP | MS |
| Painting | SQP | MS |

# Let's Understand the Sample papers

**Sample Question Paper**
**Class – X Session -2021-22**
**TERM 1**
**Subject- Mathematics (Standard) 041**

Time Allowed: 90 minutes                                    Maximum Marks: 40

**General Instructions:**
1. The question paper contains three parts A, B and C
2. Section A consists of 20 questions of 1 mark each. Any 16 questions are to be attempted
3. Section B consists of 20 questions of 1 mark each. Any 16 questions are to be attempted
4. Section C consists of 10 questions based on two Case Studies. Attempt any 8 questions.
5. There is no negative marking.

**Sample Question Paper (TERM – I) 2021-22**
**Class X**
**Science (086)**

**Time: 90 Minutes**

**General Instructions:**
1. The Question Paper contains three sections.
2. Section A has 24 questions. Attempt any 20 questions.
3. Section B has 24 questions. Attempt any 20 questions.
4. Section C has 12 questions. Attempt any 10 questions.
5. All questions carry equal marks.
6. There is no negative marking.

# POINTS TO NOTE:

| SUBJECT | TIME LIMIT | NO. OF TOTAL QUESTIONS | NO. OF QUESTIONS TO BE ATTEMPTED | MAX MARKS OF THE PAPER | MARKS REDUCED TO |
|---|---|---|---|---|---|
| ENGLISH | 90 MIN | 60 | 50 | 50 | 40 |
| HINDI | 90 MIN | 55 | 40 | 40 | 40 |
| SANSKRIT | 90 MIN | 51 | 40 | 40 | 40 |
| SCIENCE | 90 MIN | 60 | 50 | 50 | 40 |
| SOCIAL SC | 90 MIN | 60 | 50 | 50 | 40 |
| MATH(BASIC/STANDARD) | 90 MIN | 50 | 40 | 40 | 40 |
| HOME SC | 90MIN | 55 | 45 | 45 | 35 |
| PAINTING | SAMPLE PAPER AWAITED | | | | |
| AI/IT | SAMPLE PAPER AWAITED | | | | |
| | | | | | |

# Term I Datesheet

| DATE | X |
|---|---|
| | 8.30 AM - 10.00 AM |
| 13-Sep | SOCIAL SC |
| 14-Sep | PREPARATORY HOLIDAY |
| 15-Sep | HINDI |
| 16-Sep | PREPARATORY HOLIDAY |
| 17-Sep | ENG |
| 18-Sep | PREPARATORY HOLIDAY |
| 20-Sep | MATH/ PAINTING |
| 21-Sep | PREPARATORY HOLIDAY |
| 22-Sep | SANSKRIT |
| 23-Sep | PREPARATORY HOLIDAY |
| 24-Sep | SCIENCE/ HOME SC |
| 25-Sep | AI/IT PRACTICAL |
| 27-Sep | HOME SC PRACTICAL |
| 28-Sep | PAINTING PRACTICAL |
| 29-Sep | AI/IT THEORY |

Standard Mathematics is meant for students who wish to study Mathematics in higher classes,

while

Basic Mathematics  is taken by students who do not wish to pursue advanced Mathematics in higher classes but can opt for Applied Mathematics.

As a result, **the level of difficulty** of the Standard exam **is higher than the** Basic exam

# FAQ

- **Is the Syllabus same in both Math Basic and Math Standard?**

- **Can I opt for both?**

- **What if I give the Basic Exam now, but want to appear for Standard Exam later?**

- **What if I fail in the mathematics exam?**

- **What is difference in Maths Basic and Maths Standard?**

# Subjects that can be taken in class XI and XII after opting for standard and basic mathematics

| STANDARD MATHEMATICS | BASIC MATHEMATICS |
| --- | --- |
| PCM / PCB | PCB |
| COMMERCE WITH MATHEMATICS | COMMERCE WITH APPLIED MATHEMATICS |
| HUMANITIES WITH MATHEMATICS | HUMANITIES WITH APPLIED MATHEMATICS |

# APPLIED MATHEMATICS (241)

- WHAT IS APPLIED MATHEMATICS?

- WHO CAN OPT FOR APPLIED MATHEMATICS?

- WHAT ARE ITS FUTURE PROSPECTS?

- HOW IS APPLIED MATHEMATICS DIFFERENT FROM STANDARD

  MATHEMATICS?

# WHO CAN OPT APPLIED MATHEMATICS IN CLASS XI?

**BASIC MATHEMATICS**

(CAN OPT ONLY APPLIED MATHEMATICS IN CLASS XI)

CLASS X

**STANDARD MATHEMATICS**

(FREE TO OPT ANY OF THE COURSES-

- STANDARD MATHEMATICS (CODE - 041)

- APPLIED MATHEMATICS (CODE - 241)

# FUTURE PROSPECTS OF APPLIED MATHEMATICS

After studying this course at Sr. Sec level students will be able to face the entrance exam like:

- BBA (Bachelor of Business Administration)
- BMS (Bachelor of Management Studies)
- BCA (Bachelor of Computer Application)
- SSC (Staff Selection Commission)
- BANK PO (Bank Probationary Officer)
- CAT (Common Admission Test)
- ACTUARIAL SCIENCES
- ISIAT (Indian Statistical Institute Admission Test)
- ICWA ( Institute of Cost and Works Accountants of India)

# DIFFERENCE IN THE TOPICS
# (STANDARD MATHEMATICS VS APPLIED MATHEMATICS)

| STANDARD MATHEMATICS (041) | APPLIED MATHEMATICS (241) |
|---|---|
| TRIGONOMETRY | ENCRYPTION AND MODULAR ARITHMETIC |
| PRINCIPLE OF MATHEMATICAL INDUCTION | QUANTITATIVE APTITUDE |
| BINOMIAL THEOREM | BINARY NUMBERS |
| 3 – DIMENSIONAL GEOMETRY | LOGICAL REASONING (CODING, DECODING) |
| VECTOR ALGEBRA | LOGARITHM AND ANTI LOGARITHM |
| INJECTIVE, SURJECTIVE FUNCTION | HIGHER STATISTICS |
| | FINANCIAL MATHEMATICS |
| | NORMAL DISTRIBUTION, POISSON DISTRIBUTION |

# FAQs

- Is Applied Mathematics a skill subject or an academic elective subject?

- Can a student who opted for Standard Mathematics in Grade X be offered Applied Mathematics in Grade XI?

- Can a student opt for both Standard Mathematics (041) and Applied Mathematics(241)?

- If a student fails in Mathematics (041) in Board Examination, will the student be allowed to take up Applied Mathematics (241) or vice versa during Compartmental Examination?

- To continue Mathematics as a subject for higher education, which course will a student need to pass?

"Tell me and I forget, teach me and I may remember, involve me and I learn."

THANK YOU