

The Somaiya School

TIME TABLE FOR TERM 2 EXAMINATION (PA4)

Grade XI – Science / Commerce/ Humanities (2021 - 22)

Date: 31st January, 2022

SVV/ TSS / Sr. Sec – 20 / 2021-22

Dear Parents

Attached is the details of the upcoming Term 2 Examination (PA4).

Please note the following regarding the exams:

- Mode of conduction of the exams, whether online or offline, will be decided at a later date and parents will be duly informed, well in advance.
- All parents are therefore requested to ensure the presence of their wards in the city during the month when exams are to be conducted.
- The dates of the exams will remain the same, irrespective of the mode of conduction.
- The following is the scheduled time-table for the theory exam:
 - Reporting Time / Joining time : 8.30 am
 - Paper distribution & General Instructions : 8.30 am - 8.45 am
 - Question paper reading time: 8.45 am – 9.00 am;
 - Paper writing time: 9.00 am – 11.00 am;

➤ Term 2 Practical / Viva Exam Time Table is as below,

Date	Day	Time	Subjects
18-02-2022	Friday	12.00 to 1.30	6 th Subject
21-02-2022	Monday	12.00 to 1.30	Mathematics / Applied Mathematics / Entrepreneurship / Sociology / History/ Hindi
22-02-2022	Tuesday	12.00 to 1.30	English
23-02-2022	Wednesday	12.00 to 2.00	Physics
24-02-2022	Thursday	12.00 to 2.00	Chemistry
25-02-2022	Friday	12.00 to 1.30	CS / Psychology
28-02-2022	Monday	12.00 to 1.30	Biology / Sanskrit

➤ Term 2 Theory Exam Time Table is as below,

Date	Day	Time	Subjects
03-03-2022	Thursday	9.00 – 11.00	English
05-03-2022	Saturday	9.00 – 11.00	Biology / Sanskrit
07-03-2022	Monday	9.00 – 11.00	Chemistry
09-03-2022	Wednesday	9.00 – 11.00	Physics
11-03-2022	Friday	9.00 – 11.00	Mathematics / Applied Mathematics / Entrepreneurship / Sociology / History / Hindi
12-03-2022	Saturday	9.00 – 11.00 9.00 – 10.00	FMM/ PE Hindustani Vocal / Bharatnatyam
14-03-2021	Monday	9.00 – 11.00	CS /Psychology

Regards,

Ms. Parveen Shaikh

Principal

The Somaiya School

Syllabus & Paper Pattern for Term 2 (PA4)

Sr. no	Subject	Syllabus	Break up of Mks
1)	English	<p>Prose : Silk Road – Hornbill Ailing Planet – Hornbill Browning Version - Hornbill Albert Einstein at school – Snapshots Mother’s Day – Snapshots</p> <p>Poem : 1. Voice of rain – Hornbill 2. Childhood - Hornbill</p> <p>Creative Writing : 1. Debate writing 2. Notice writing 3. Note Making</p> <p>Grammar: 1.Tenses 2. Determiners 3. Reordering of sentences.</p>	<p>Unseen passage – 8 marks Note making – 5 mks Grammar – 2 mks Creative writing – 3 + 5 = 8 mks Seen extract 3 + 3 =6 Short answers – 6 mks Long answers – 5 mks. Total Marks - 40</p>
2)	Physics	<p>Mechanical Properties of Solids Mechanical Properties of Fluids Thermal Properties of Matter Thermodynamics Kinetic Theory Oscillations Waves</p>	<p>Section A: 3Q x 2 Marks each Section B: 8Q x 3 Marks each Section C: 1Q (Case-study)- 5 Marks Total Marks: 35 Marks</p>
3)	Chemistry	<p>1. States of Matter 2. Thermodynamics 3. Hydrocarbons 4. The s-Block Elements 5. The p-Block Elements 6. Equilibrium</p>	<p>Section A: 3Q x 2 Marks each Section B: 8Q x 3 Marks each Section C: 1Q (Case-study)- 5 Marks Total Marks: 35 Marks</p>
4)	Biology	<p>1. Cell Cycle and Cell Division 2. Photosynthesis in Higher Plants 3. Respiration in Plants 4. Plant - Growth and Development 5. Breathing and Exchange of Gases 6. Body Fluids and Circulation 7. Excretory Products and their Elimination 8. Locomotion and Movement 9. Neural Control and Coordination 10. Chemical Coordination and Integration</p>	<p>Section A: 6Q x 2 Marks each Section B: 6Q x 3 Marks each Section C: 1Q (case-based) : 5 Marks Total 35 MARKS</p>

5)	Psychology	<p>Methods of Enquiry in Psychology Sensory, Attentional and Perceptual Processes Learning Human Memory</p>	<p>Section A: 3 QX2MK Section B: 3QX3MK Section C: 4QX4MK Section D: 2QX2MK Total 35 MARKS</p>
6)	Computer Science	<p>Unit II: Computational Thinking and Programming – 1</p> <ul style="list-style-type: none"> • Lists: introduction, indexing, list operations (concatenation, repetition, membership & slicing), traversing a list using loops, built-in functions: len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(); nested lists, suggested programs: finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers and counting the frequency of elements in a list • Tuples: introduction, indexing, tuple operations (concatenation, repetition, membership & slicing), built-in functions: len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment, nested tuple, suggested programs: finding the minimum, maximum, mean of values stored in a tuple; linear search on a tuple of numbers, counting the frequency of elements in a tuple • Dictionary: introduction, accessing items in a dictionary using keys, mutability of dictionary (adding a new item, modifying an existing item), traversing a dictionary, built-in functions: len(), dict(), keys(), values(), items(), get(), update(), del(), clear(), fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), count(), sorted(), copy(); suggested programs : count the number of times a character appears in a given string using a dictionary, create a dictionary with names of employees, their salary and access them 	<p>Section A: 7Q X 2M = 14M Section B: 3Q X 3M = 9M Section C: 3Q X 4M = 12M</p>

		<ul style="list-style-type: none"> ● Introduction to Python modules: Importing module using 'import <module>' and using from statement, Importing math module (pi, e, sqrt, ceil, floor, pow, fabs, sin, cos, tan); random module (random, randint, randrange), statistics module (mean, median, mode) <p>Unit III: Society, Law and Ethics</p> <ul style="list-style-type: none"> ● Digital Footprints ● Digital society and Netizen: net etiquettes, communication etiquettes, social media etiquettes ● Data protection: Intellectual Property Right (copyright, patent, trademark), violation of IPR (plagiarism, copyright infringement, trademark infringement), open source softwares and licensing (Creative Commons, GPL and Apache) ● Cyber-crime: definition, hacking, eavesdropping, phishing and fraud emails, ransomware, preventing cyber crime ● Cyber safety: safely browsing the web, identity protection, confidentiality, cyber trolls and bullying. ● Safely accessing web sites: malware, viruses, Trojans, adware ● E-waste management: proper disposal of used electronic gadgets ● Indian Information Technology Act (IT Act) ● Technology & Society: Gender and disability issues while teaching and using computers 	
7)	Mathematics	<p>Trigonometric Function Linear Inequalities Permutations and Combinations Conic Section Introduction to 3 Dimensional Geometry Derivatives Probability</p>	<p>6Q X 2M = 12M 4Q X 3M = 12M 4Q X 4M = 16M</p>
8)	Applied Mathematics	<p>Permutations and Combinations Calculus Probability</p>	<p>6Q X 2M = 12M 4Q X 3M = 12M 4Q X 4M = 16M</p>

		Financial Mathematics Coordinate Geometry	
9)	Hindustani Vocal	<p>Theory:</p> <ol style="list-style-type: none"> 1) Brief study of Tarana 2) Life sketch and contribution of V.N.Bhatkhande and V.D.Paluskar 3) Knowledge of the structure of Tanpura 4) Recognizing the Raga from phrases of Swaras and elaborating it 5) Description of Chautala along with Tala-notation in Thah, Dugun and Chaugun <p>Practical:</p> <ol style="list-style-type: none"> 1) One Dhrupad with Dugun in any one of the prescribed Raga: Bihag 2) One Devotional song 3) Recitation of the Theka of Chautala, Teentala, Ektala with Thah, Dugun and Chaugun, keeping Tala with hand beats. 4) Ability to recognize the prescribed Ragas from the phrases of Swaras rendered by the Examiner 	<p>Theory:</p> <p>Section A: 4Q x 2 Marks Each Section B: 1Q x 3 Marks Section C: 1Q x 4 Marks Total Marks: 15 Marks</p> <p>Practical:</p> <p>Dhrupad with Dugun: 10 marks One Devotional song: 10 Marks Recitation of the Theka: 10 Marks Recognize the Raga: 5 Marks Total Marks: 35 Marks</p>
10)	Bharatanatyam	<p>Theory</p> <ol style="list-style-type: none"> 1 History of Bharatanatyam- reference to Natyotpatti from Abhinaya Darpana 2 Understanding of the Margam- its literature and musical terms. 3 Distinctive features of Bharatanatyam- costume, music, technique <p>Practicals</p> <ol style="list-style-type: none"> 1 Alarippu 2 Forward & backward gaits 3 Performing a simple korvai 4 Reciting with hasta kriya Adi talam & Rupaka talam. 	<p>Theory:</p> <p>Section A: 4Q x 2 Marks Each Section B: 1Q x 3 Marks Section C: 1Q x 4 Marks Total Marks: 15 Marks</p> <p>Practicals:</p> <p>Alarippu – 15Marks Korvai – 10 Marks Talam & Orals 10 Marks.</p>
11)	PE	<ol style="list-style-type: none"> 1. Physical Education & Sports For Cwsn 2. Yoga 3. Physical Activity & Leadership Training 4. Psychology 5. Training And Sports 	<p>Theory</p> <p>Section A - 7q X 2 = 14 Section B - 3q X 3 = 9 Section C - 3q X 4 = 12 Total - 35marks</p>
12)	FMM	Mutual Funds products and features ETFs, Debt and Liquid funds Taxation and Regulation	

13)	Hindi	<p>अंतरा - गद्य खंड</p> <ol style="list-style-type: none"> 1. गूँगे - रांगेय राघव 2. ज्योतिबा फुले - सुधा अरोडा 3. खानाबदोश - ओमप्रकाश वाल्मीकि <p>अंतरा - पद्य खंड</p> <ol style="list-style-type: none"> 1. जाग तुझको दूर जाना , सब आँखों के आँसू उजले 2. बादल को घिरते देखा 3. घर में वापसी <p>अंतराल</p> <ol style="list-style-type: none"> 1. हुसैन की कहानी अपनी ज़बानी 2. आवारा मसीहा <p>अभिव्यक्ति और माध्यम</p> <ol style="list-style-type: none"> 1. कार्यालयी लेखन और प्रक्रिया 2. स्ववृत्त लेखन और रोज़गार संबंधी आवेदन पत्र 3. कथा - पटकथा 	<p>खण्ड - क</p> <ol style="list-style-type: none"> 1. रचनात्मक लेखन (अनुच्छेद, पत्र-लेखन) 5+5 = 10 अंक 2. अभिव्यक्ति और माध्यम - 3+2+3+2 = 10 अंक <p>खण्ड - ख</p> <p>अंतरा पद्य भाग - 3+3+2 = 8 अंक</p> <p>अंतरा गद्य भाग - 3+3+2 = 8 अंक</p> <p>अंतराल - 2+2 = 4 अंक</p> <p>कुल अंक - 40</p> <p>कुल प्रश्न - 9</p>
14)	Sanskrit	<p>अपठित अवबोधनम् रचनात्मक कार्यम् - 1. पत्रलेखनम् 2. अनुच्छेदलेखनम् 3. संस्कृतानुवादः</p> <p>पठित अवबोधनम् - 1. गद्यांश 2. पद्यांश 3. नाट्यांश</p> <p>4. अन्वय लेखनम् 5. भावार्थ लेखनम् पाठाः- दयावीरकथा , कन्थामाणिक्यम् , ईशः कुत्रास्ति , सत्त्वमाहो रजस्तमः, नवद्रव्याणि</p>	<p>अपठित अवबोधनम्- 10 marks रचनात्मक कार्यम् - 15 marks पठित अवबोधनम् - 15 marks Total - 40 marks</p>

Note: Students will be updated on Entrepreneurship & FMM paper pattern once the same communicated by the board.

