

THE MODERN SCHOOL, ECNCR DELHI
SESSION 2023-24
CLASS – S6 (MEDICAL & NON MEDICAL)
SYLLABUS OF HALF YEARLY EXAMINATION



Circular No: TMSECNCR/2023-24/14(vi)(a)

Date: August 23,2023

Dear Parent

This is to inform you that Half Yearly Examination are beginning from **September 18, 2023 i.e. Monday**. Syllabus, Blueprint and datesheet for the same is attached below for your reference.

Regards
Examination Department

SYLLABUS

ENGLISH

| | |
|---|---|
| Reading Comprehension Passages (2) Note - Making and Summarising Writing Classified Advertisement Poster Speech Grammar- Gap filling, Editing, Reordering of sentences, Transformation of sentences | Literature Hornbill- L-1: The Portrait of a Lady L-2: We are not Afraid to Die.... L-3: Discovering Tut Poem: The Laburnum Top Poem: Photograph Poem: Voice of the Rain Snapshots – L-1: The Summer of the Beautiful White Horse L-2: The Address L-3: Mother’s Day |
|---|---|

PHYSICS

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|---|
| 1. Units and Measurements 2. Motion in a Straight Line 3. Motion in a Plane 4. Laws of Motion 5. Work, Energy and Power 6. System of Particles and Rotational Motion 7. Gravitation |
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CHEMISTRY

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| 1. Some Basic Concepts of Chemistry 2. Structure of Atom 3. Periodic Classification and periodicity in Properties 4. Chemical Bonding and Molecular Structure 5. Redox Reactions |
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ECONOMICS

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|---|---|
| <u>Section-A (Statistics for Economics)</u> 1.Introduction 2. Meaning, Scope and Importance of Statistics 3. Collection of Data 4. Organization of Data 5. Tabular Presentation 6. Diagrammatic Presentation 7. Graphic Presentation | <u>Section-B (Introductory Microeconomics)</u> 1.Introduction 2. Consumer’s Equilibrium 3. Demand 4. Elasticity of Demand |
|---|---|

MATHEMATICS

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|---|--|
| Chapter 1 Sets Chapter 2 Relations and Functions Chapter 3 Trigonometric Functions Chapter 5 Complex numbers | Chapter 6 Linear Inequalities Chapter 7 Permutations and Combinations Chapter 9 Sequences and Series |
|---|--|

PSYCHOLOGY

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|--|
| UNIT 1- What is Psychology? UNIT2- Methods in Psychological Enquiry UNIT4- Human Development UNIT-5 Sensory, Attentional and Perceptual Processes |
|--|

INFORMATICS PRACTICES

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|---|
| 1. Introduction to computer system – 10 Marks 2. Introduction to Python (till control statement) - 25 Marks 3. Database concepts and the Structured Query Language – 30 Marks 4. Introduction to Emerging Trends – 5 Marks |
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BIOLOGY

| | |
|---|---|
| 1. The living world 2. Biological classification 3. Plant Kingdom 4. Animal kingdom 5. Cell: The unit of life | 6. Biomolecules 7. Cell cycle and cell division 8. Morphology of flowering plants 9. Anatomy of flowering plants |
|---|---|

COMPUTER SCIENCE

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|---|
| 1. Computer Systems and Organisation– 10 Marks 2. Computational Thinking and Programming – 1(till conditional statements) – 45 Marks 3. Society, Law and Ethics- 15 Marks |
|---|

FINE ARTS

- 1. Introduction- Elements and principles of art
- 2. Prehistoric rock paintings
- 3. Indus valley civilization
- 4. Buddhist Jain and Hindu art
- 5. Ajanta art

BLUEPRINT

ENGLISH

| <u>Section -A (Reading)</u> | |
|---|----------|
| Comprehension passage 1: | 10 marks |
| Comprehension passage 2: | 8 marks |
| Note Making and Summarising: 8 marks | |
| <u>Section B - (Writing)</u> | |
| Writing Skill 1: | 3 marks |
| Writing Skill 2: | 3 marks |
| Writing Skill 3: 5 marks | |
| <u>(Grammar)</u> | |
| This section contains 9 marks | |
| Each question carries 1 mark. | |
| <u>Section- C (Literature)</u> | |
| RTC: 3+3+4= 10 marks | |
| Short answer questions: 3x2=6 | |
| Short answer questions: 3x2=6 | |
| Long answer questions: 6x2=12 | |

CHEMISTRY

| Types of Question | Marks | Number of Questions | Total Marks |
|-----------------------------|-------|---------------------|-------------|
| Multiple Choice Questions | 1 | 16 | 16 |
| Very Short Answer Questions | 2 | 5 | 10 |
| Short Answer Questions | 3 | 7 | 21 |
| Case Study Based Questions | 4 | 2 | 08 |
| Long Answer Questions | 5 | 3 | 15 |
| Total | | 33 | 70 |

PHYSICS

| Types of Question | Marks | Number of Questions | Total Marks |
|-----------------------------|-------|---------------------|-------------|
| Multiple Choice Questions | 1 | 16 | 16 |
| Very Short Answer Questions | 2 | 5 | 10 |
| Short Answer Questions | 3 | 7 | 21 |
| Case Study Based Questions | 4 | 2 | 08 |
| Long Answer Questions | 5 | 3 | 15 |
| Total | | 33 | 70 |

ECONOMICS

| Types of Question | Marks | Number of Questions | Total Marks |
|---------------------------|-------|---------------------|-------------|
| Multiple Choice Questions | 1 | 20 | 20 |
| Short Answer Questions | 3 | 4 | 12 |
| Short Answer Questions | 4 | 6 | 24 |
| Long Answer Questions | 6 | 4 | 24 |
| Total | | 34 | 80 |

MATHEMATICS

| S No | Section | Type of Questions | No. of Questions | Marks |
|------|---------|-----------------------------------|------------------|-------|
| 1 | A | Multiple Choice Questions(1 Mark) | 20 | 20 |
| 2 | B | SA questions(2 Marks) | 05 | 10 |
| 3 | C | SA – II questions(3 Marks) | 06 | 18 |
| 4 | D | LA questions(5 Marks) | 04 | 20 |
| 5 | E | Case Study (4 Marks) | 03 | 12 |
| | | Total | 38 | 80 |

PHYSICAL EDUCATION

| S.NO. | TYPE OF QUESTION | NO OF QUESTIONS | MARKS |
|-------|--|-----------------|----------|
| 1 | Competency based questions(1 Marks) (Objective type Question/ Assertive-Reasoning | 1*18 | 18 |
| 2 | Very Short Question (2 Marks) | 2*5 | 10 |
| 3 | Short Question (3 Marks) | 3*5 | 15 |
| 4 | Case Study Base (4 Marks) | 4*3 | 12 |
| 5 | Long Questions | 5*3 | 15 |
| TOTAL | | 34 QUESTIONS | 70 MARKS |

INFORMATIC PRACTICES

| S No | Type of Questions | No of Questions | Marks |
|------|--|---|-------|
| 1 | Multiple Choice Questions(1 Mark) | 15 | 15 |
| 2 | Competency based questions (1 Mark) (Objective type questions/ Assertion-Reasoning/ Case Based Questions / Source based Integrated Questions) | 16 *1 = 16 1*4 =4 Total Questions =17 | 20 |
| 3 | SA-I questions(2 marks) | 04 *2 | 8 |
| 4 | SA – II questions(3 Marks) | 04*3 | 12 |
| 5 | LA questions(5 Marks) | 03*5 | 15 |
| | Total | 43 | 70 |

1. Objective Type Questions (20%) – 15 Marks
2. Competency Based Question (30%) – 20 Marks
3. Subjective Questions (50%) - 35 Marks

BIOLOGY

| Types of Question | Marks | Number of Questions | Total Marks |
|-----------------------------|-------|---------------------|-------------|
| Multiple Choice Questions | 1 | 16 | 16 |
| Very Short Answer Questions | 2 | 5 | 10 |
| Short Answer Questions | 3 | 7 | 21 |
| Case Study Based Questions | 4 | 2 | 08 |
| Long Answer Questions | 5 | 3 | 15 |
| Total | | 33 | 70 |

COMPUTER SCIENCE

| S No | Type of Questions | No of Questions | Marks |
|------|--|---|-------|
| 1 | Multiple Choice Questions(1 Mark) | 15 | 15 |
| 2 | Competency based questions (1 Mark) (Objective type questions/ Assertion-Reasoning/ Case Based Questions / Source based Integrated Questions) | 16 *1 = 16 1*4 =4 Total Questions =17 | 20 |
| 3 | SA-I questions(2 marks) | 04 *2 | 8 |
| 4 | SA – II questions(3 Marks) | 04*3 | 12 |
| 5 | LA questions(5 Marks) | 03*5 | 15 |
| | Total | 43 | 70 |

1. Objective Type Questions (20%) – 15 Marks
2. Competency Based Question (30%) – 20 Marks
3. Subjective Questions (50%) - 35 Marks

PSYCHOLOGY

| S.No. | Unit Name | 1 Marker | 2 Marks | 3 Marks | 4 Marks | 6 Marks | 1+2 Marks | Marks |
|-------|---|----------|---------|---------|---------|---------|-----------|-------|
| 1 | UNIT 1- What is Psychology? | 5 | 1 | 1 | 1 | 1 | | 20 |
| 2 | UNIT 2- Methods in Psychological Enquiry | 5 | 2 | 1 | 1 | | 1+2 | 19 |
| 3 | UNIT4- Human Development | 5 | 2 | 1 | 2 | | | 20 |

| | | | | | | | | |
|--------------------|---|-------------|------------|------------|------------|------------|------------|-------------------|
| 4 | UNIT-5 Sensory, Attentional and Perceptual Processes | | 1 | | | 1 | 1+2 | 11 |
| Total Marks | | 15*1 | 6*2 | 3*3 | 4*4 | 2*6 | 2*3 | 70 M.M |

FINE ARTS

8 marks MCQS

10 marks =5 questions of 2 marks each

12 marks = 2 questions of 6 marks each

TOTAL=30 MARKS

DATESHEET OF HALF YEARLY EXAMINATION

| DATE | DAY | S6(MED &NMED) |
|-------------------|------------------|---------------------------------|
| 18.09.2023 | MONDAY | CHEM |
| 19.09.2023 | TUESDAY | PREPARATORY LEAVE |
| 20.09.2023 | WEDNESDAY | ENG |
| 21.09.2023 | THURSDAY | PREPARATORY LEAVE |
| 22.09.2023 | FRIDAY | PHYSICS |
| 23.09.2023 | SATURDAY | PHE |
| 24.09.2023 | SUNDAY | PREPARATORY LEAVE |
| 25.09.2023 | MONDAY | MATH/PSY |
| 26.09.2023 | TUESDAY | MILAD-UN-NABI |
| 27.09.2023 | WEDNESDAY | ECO/BIO/CS/PAINT |
| PRACTICAL | | |
| 07.09.2023 | THURSDAY | MATH/IP/PSY/PHE/PAINT |
| 08.09.2023 | FRIDAY | ECO/PHE/BIO/CS/GEO/PAINT |
| 11.09.2023 | MONDAY | CHEM/BST/HISTORY |
| 12.09.2023 | TUESDAY | PHY/ACC/POL.SC. |

PTM will be on October 14,2023