



ਰਾਜ ਵਿਦਿਅਕ ਖੋਜ ਤੇ ਸਿਖਲਾਈ ਪ੍ਰੀਸ਼ਦ ਪੰਜਾਬ



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ਵੱਲ

ਸਮੂਹ ਜਿਲ੍ਹਾ ਸਿੱਖਿਆ ਅਫ਼ਸਰ (ਸੈ.ਸਿ.),
ਸਮੂਹ ਸਕੂਲ ਮੁੱਖੀ (ਵੈੱਬਸਾਈਟ ਰਾਹੀਂ),
ਪੰਜਾਬ ।

ਮੀਮੋ ਨੰ: E-187186/2023

ਮਿਤੀ: 10-5-2023

ਵਿਸ਼ਾ: ਸੈਸ਼ਨ 2023-24 ਲਈ ਜਮਾਤ 11ਵੀਂ ਤੋਂ 12ਵੀਂ ਫਿਜ਼ੀਕਸ, ਕਮਿਸਟਰੀ ਅਤੇ ਬਾਇਓ ਵਿਸ਼ੇ ਦੇ ਸਿਲੇਬਸ ਦੀ
Bi-Monthly Distribution ਸਬੰਧੀ।

- 1.0 ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਵੱਲ ਧਿਆਨ ਦੇਣ ਦੀ ਖੋਚਲ ਕੀਤੀ ਜਾਵੇ ਜੀ।
- 2.0 ਸਕੂਲ ਸਿੱਖਿਆ ਵਿਭਾਗ ਵੱਲੋਂ ਸੈਸ਼ਨ 2023-24 ਲਈ ਜਮਾਤ 11ਵੀਂ ਤੋਂ 12ਵੀਂ ਲਈ ਫਿਜ਼ੀਕਸ, ਕਮਿਸਟਰੀ ਅਤੇ ਬਾਇਓ ਵਿਸ਼ੇ ਦੇ ਸਿਲੇਬਸ ਦੀ **Bi-Monthly Distribution** ਤਿਆਰ ਕੀਤੀ ਗਈ ਹੈ। ਇਸ ਨੂੰ ਅਧਿਆਪਕਾਂ ਅਤੇ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਸਹੂਲਤ ਲਈ www.ssapunjab.org ਅਤੇ **Punjabeducare App** ਤੇ ਅਪਲੋਡ ਕੀਤਾ ਜਾ ਰਿਹਾ ਹੈ।

ਨੱਥੀ: ਜਮਾਤ 11ਵੀਂ ਤੋਂ 12ਵੀਂ ਲਈ ਫਿਜ਼ੀਕਸ, ਕਮਿਸਟਰੀ ਅਤੇ ਬਾਇਓ ਵਿਸ਼ੇ ਦੇ ਸਿਲੇਬਸ ਦੀ **Bi-Monthly Distribution** ਦੀ ਪੀ.ਡੀ.ਐਫ. ਫਾਈਲ।

ਡਾਇਰੈਕਟਰ
ਐਸ.ਸੀ.ਈ.ਆਰ.ਟੀ. ਪੰਜਾਬ

ਪਿੱਠ ਅੰਕਣ ਨੰ: ੩੨੩

ਮਿਤੀ: 10-5-2023

- 1) ਉਪਰੋਕਤ ਦਾ ਉਤਾਰਾ **DM(MIS)** ਨੂੰ ਵੈੱਬ-ਸਾਈਟ ਤੇ ਅੱਪਲੋਡ ਕਰਨ ਲਈ ਭੇਜਿਆ ਜਾਦਾ ਹੈ।
- 2) ਪ੍ਰਿੰਸੀਪਲ ਜਿਲਾ ਮੈਂਟਰ (ਸਮੂਹ ਪੰਜਾਬ)

(Signature)
10/5/23
ਸਹਾਇਕ ਡਾਇਰੈਕਟਰ

**Class 11th and 12th
2023-24
BI-MONTHLY DISTRIBUTION OF SYLLABUS
(PHYSICS)**

MONTH	(UNIT) CLASS 11	(UNIT) CLASS 12
APRIL- MAY	Chapter 1. Physical world and measurement	Chapter 1. Electrostatics Chapter 2. Current Electricity
JULY-AUGUST	Chapter 2. Kinematics Chapter 3. Laws of motion Chapter 4. Work, Energy and Power	Chapter 3. Magnetic Effect of Current and Magnetism Chapter 4. Electromagnetic Induction and Alternating Current Chapter 5. Electromagnetic Waves
SEPTEMBER	REVISION & EXAMINATIONS	REVISION & EXAMINATIONS
OCTOBER-NOVEMBER	Chapter 5. System of particles and Rotational Motion Chapter 6. Gravitation Chapter 7. Properties of Matter	Chapter 6. Optics Chapter 7. Dual Nature of Matter and Radiation Chapter 8. Atoms and Nuclei
DECEMBER	Chapter 8. Thermodynamics Chapter 9. Behaviour of perfect gas and kinetic theory of gases	Chapter 9. Electronic Devices
JANUARY	Chapter 10. Oscillation & Waves	REVISION & PRE-BOARD EXAMINATIONS
FEBRUARY	REVISION	
MARCH	FINAL EXAMINATIONS	BOARD EXAMINATIONS

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**Class 11th and 12th
2023-24
BI-MONTHLY DISTRIBUTION OF SYLLABUS
(CHEMISTRY)**

Month	(UNIT/Chapter) CLASS 11th	(UNIT/Chapter) CLASS 12th
APRIL-May	Chapter 1. Some basic concepts of chemistry	Chapter 1: Solutions Chapter 2 : Electrochemistry Chapter 3: Chemical kinetics
July-August	Chapter 2. Structure of atom Chapter 3. Classification of elements and Periodicity in properties Chapter 4. chemical bonding and Molecular structure	Chapter 4. The d- and f - block Elements Chapter 5 Coordination Compounds Chapter 10 Biomolecules
SEPTEMBER	REVISION & EXAMINATIONS	REVISION & EXAMINATIONS
October-November	Chapter 5. Thermodynamics Chapter 6. Equilibrium Chapter 8. Organic Chemistry: Some basic Principles and Techniques	Chapter 6. Haloalkanes and Haloarenes Chapter 7. Alcohols, Phenols and Ethers Chapter 8. Aldehydes, Ketones and Carboxylic Acids
December	Chapter 9. Hydrocarbons	Chapter 9. Organic Compounds containing Nitrogen
January	Chapter 7. Redox reactions / Revision / Pre Annual Exam.	Revision and Pre-Board Exam.
February	REVISION	REVISION & FINAL EXAM
March	FINAL EXAM	BOARD EXAMINATIONS

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Class 11th and 12th
2023-24
3. BI-MONTHLY DISTRIBUTION OF SYLLABUS
(BIOLOGY)

MONTH	(UNIT/Chapter) CLASS 11th	(UNIT/Chapter) CLASS 12th
APRIL-MAY	<p>UNIT I DIVERSITY IN THE LIVING WORLD</p> <p>Chapter 1 : The Living World Chapter 2 : Biological Classification. Chapter 3 : Plant Kingdom</p>	<p>UNIT I REPRODUCTION</p> <p>Chapter 1 : Sexual Reproduction in Flowering Plants Chapter 2 : Human Reproduction Chapter 3 : Reproductive Health</p> <p>UNIT II GENETICS AND EVOLUTION Chapter 4 : Principles of Inheritance and Variation</p>
JULY -AUGUST	<p>UNIT I DIVERSITY IN THE LIVING WORLD</p> <p>Chapter 4 : Animal Kingdom</p> <p>UNIT II STRUCTURAL ORGANISATION IN PLANTS AND ANIMALS Chapter 5 : Morphology of Flowering Plants Chapter 6 : Anatomy of Flowering Plants Chapter 7 : Structural Organisation in Animals</p> <p>UNIT III CELL : STRUCTURE AND FUNCTIONS Chapter 8 : Cell : The Unit of Life</p>	<p>UNIT II GENETICS AND EVOLUTION Chapter 5 : Molecular Basis of Inheritance Chapter 6 : Evolution</p> <p>UNIT III BIOLOGY IN HUMAN WELFARE Chapter 7 : Human Health and Disease</p>
SEPTEMBER	REVISION & EXAMINATIONS	REVISION & EXAMINATIONS
OCTOBER - NOVEMBER	<p>UNIT III CELL : STRUCTURE AND FUNCTIONS Chapter 9 : Biomolecules Chapter 10 : Cell Cycle and Cell Division</p> <p>UNIT IV PLANT PHYSIOLOGY Chapter 11 : Photosynthesis in Higher Plants Chapter 12 : Respiration in Plants Chapter 13 : Plant Growth and Development</p>	<p>UNIT III BIOLOGY IN HUMAN WELFARE Chapter 8 : Microbes in Human Welfare</p> <p>UNIT IV BIOTECHNOLOGY Chapter 9 : Biotechnology : Principles and Processes Chapter 10 : Biotechnology and its Applications</p> <p>UNIT V ECOLOGY Chapter 11 : Organisms and Populations</p>
DECEMBER	<p>UNIT V HUMAN PHYSIOLOGY</p> <p>Chapter 14 : Breathing and Exchange of Gases Chapter 15 : Body Fluids and Circulation Chapter 16 : Excretory Products and their Elimination</p>	<p>UNIT V ECOLOGY Chapter 12 : Ecosystem Chapter 13 : Biodiversity and Conservation</p>
JANUARY	<p>UNIT V HUMAN PHYSIOLOGY</p> <p>Chapter 17 : Locomotion and Movement Chapter 18 : Neural Control and Coordination Chapter 19 : Chemical Coordination and Integration</p>	REVISION & PRE-BOARD EXAMINATIONS
FEBRUARY	REVISION	
MARCH	FINAL EXAMINATIONS	BOARD EXAMINATIONS