

ਦਫਤਰ ਡਾਇਰੈਕਟਰ ਐਸ.ਸੀ.ਈ.ਆਰ.ਟੀ., ਪੰਜਾਬ, ਮੋਹਾਲੀ

ਬਲਾਕ-ਈ, ਪੀ.ਐਸ.ਈ.ਬੀ. ਕੰਪਲੈਕਸ, ਵਿੱਦਿਆ ਭਵਨ, ਫੇਵੀ ਮੰਜਿਲ, ਫੇ-8, ਮੋਹਾਲੀ, ਫੋਨ ਨੰ. 0172-2212221।

ਵੱਲ

ਸਮੂਹ ਪ੍ਰਿੰਸੀਪਲ (ਵੈੱਬ ਸਾਇਟ ਰਾਹੀਂ),
ਸ.ਸ.ਸ.ਸ. (ਸਾਇੰਸ ਗਰੁੱਪ),
ਪੰਜਾਬ।

ਮੀਮੋ ਨੰ:-DPISE-EST30GENL/19/2021-SERVICE-3DP/187186/ 2021 165560-6/
ਮਿਤੀ, ਐਸ.ਏ.ਐਸ.ਨਗਰ:- 26.5.21

ਵਿਸ਼ਾ:- ਸੈਸ਼ਨ 2021-22 ਵਿਸ਼ਾ ਸੈਸ਼ਨ ਲਈ ਜਮਾਤ 11ਵੀਂ 12ਵੀਂ ਸਾਇੰਸ (ਫਿਜ਼ਿਕਸ, ਕਮਿਸਟਰੀ ਅਤੇ ਬਾਇਓਲੋਜੀ) ਵਿਸ਼ੇ ਦੇ ਸਿਲੇਬਸ ਦੀ Bi-monthly Distribution ਸਬੰਧੀ।

1.0 ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਵੱਲ ਧਿਆਨ ਦੇਣ ਦੀ ਖੋਚਲੀ ਕੀਤੀ ਜਾਵੇ।

2.0 ਸਕੂਲ ਸਿੱਖਿਆ ਵਿਭਾਗ ਵਲੋਂ ਸੈਸ਼ਨ 2021-22 ਲਈ ਜਮਾਤ 11ਵੀਂ 12ਵੀਂ ਸਾਇੰਸ (ਫਿਜ਼ਿਕਸ, ਕਮਿਸਟਰੀ ਅਤੇ ਬਾਇਓਲੋਜੀ) ਵਿਸ਼ੇ ਦੇ ਸਿਲੇਬਸ ਦੀ Bi-monthly Distribution ਤਿਆਰ ਕੀਤੀ ਗਈ ਹੈ। ਇਸ ਨੂੰ ਅਧਿਆਪਕਾਂ ਅਤੇ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਸਹੂਲਤ ਲਈ www.ssapunjab.org ਦੀ website ਤੇ ਅਪਲੋਡ ਕਰ ਦਿੱਤਾ ਗਿਆ ਹੈ।

ਨੋਟ:- ਜਮਾਤ 11ਵੀਂ 12ਵੀਂ ਸਾਇੰਸ (ਫਿਜ਼ਿਕਸ, ਕਮਿਸਟਰੀ ਅਤੇ ਬਾਇਓਲੋਜੀ) ਵਿਸ਼ੇ ਦੇ ਸਿਲੇਬਸ ਦੀ Bi-monthly Distribution

ਜ. ਐਸ. 26.5.21
ਡਾਇਰੈਕਟਰ
ਐਸ.ਸੀ.ਈ.ਆਰ.ਟੀ.ਪੰਜਾਬ।

ਪਿੱਠ ਅੰਕਣ ਨੰ:- 623

ਮਿਤੀ, ਐਸ.ਏ.ਐਸ.ਨਗਰ:-

ਉਪਰੋਕਤ ਦਾ ਉਤਾਰਾ ਸਮੂਹ ਜਿਲਾ ਸਿੱਖਿਆ ਅਫਸਰ (ਸੈ.ਸਿ.) ਪੰਜਾਬ ਨੂੰ ਸੂਚਨਾ ਹਿੱਤ ਭੇਜਿਆ ਜਾਦਾ ਹੈ।

ਜ. ਐਸ. 26.5.21
ਡਾਇਰੈਕਟਰ
ਐਸ.ਸੀ.ਈ.ਆਰ.ਟੀ.ਪੰਜਾਬ।

**Class 11th and 12th
2021-22**

**1. BI-MONTHLY DISTRIBUTION OF SYLLABUS
2. (PHYSICS)**

	11 th Class		12 th Class
Month		Unit	
APRIL-MAY	Physics	1. Physical World and Measurement 2. Kinematics	1. Electrostatics 2. Current Electricity
Month		Unit	
JULY -AUGUST	Physics	3. Laws of Motion 4. Work, Energy and Power 5. Motion of System Particles and Rigid Body	3. Magnetic Effects of Current and Magnetism 4. Electromagnetic Induction and Current 5. Electromagnetic Waves
Month		Unit	
SEPTEMBER		Exams & Revision	
Month		Unit	
OCTOBER - NOVEMBER	Physics	6. Gravitation 7. Properties of Matter 8. Thermodynamics	6. Optics 7. Dual Nature of Matter 8. Atoms and Nuclei
Month		Unit	
DECEMBER	Physics	9. Behavior of Perfect Gas and Kinetic Theory of Gases 10. Oscillation and Waves	9. Electronic Devices Revision
Month		Unit	
JANUARY - FEBRUARY		REVISION & PRE-BOARD EXAMS	
Month		Unit	
MARCH		EXAMS	

**Class 11th and 12th
2021-22**

**2. BI-MONTHLY DISTRIBUTION OF SYLLABUS
(CHEMISTRY)**

	11 th Class		12 th Class
Month		Unit	
APRIL-MAY	Chemistry	1. Some Basic Concept of Chemistry 2. Structure of Atom	2. Solutions 3. Electrochemistry 4. Chemical Kinetics 5. General Principles and Process of Isolation of Elements
Month		Unit	

26/5/21

JULY -AUGUST	Chemistry	3. Classification of Elements and Periodicity in Properties 4. Chemical Bonding and Molecular Structure 5. Hydrogen 6. s-block Elements	6. Surface Chemistry 7. p-block Elements 8. d & f-block Elements 9. Co-ordination Compounds
Month		Unit	
SEPTEMBER		Exams & Revision	
Month		Unit	
OCTOBER - NOVEMBER	Chemistry	7. Organic Chemistry- Some Basic Principles and Techniques 8. Hydrocarbons 9. State of Matter Gases and Liquids 10. Thermodynamics	10. Haloalkanes and Haloarenes 11. Alcohols, Phenols and Ethers 12. Aldehydes, Ketones and Carboxylic Acids 13. Organic Compounds Containing Nitrogen Compounds
Month		Unit	
DECEMBER	Chemistry	11. Equilibrium 12. Redox Reaction	14. Biomolecules 15. Polymers 16. Chemistry in Everyday Life
Month		Unit	
JANUARY - FEBRUARY	Chemistry	13. Some p-block elements General Introduction p-block Elements 14. Environment REVISION OF SYLLABUS	Solid States REVISION OF SYLLABUS
Month		Unit	
MARCH		EXAMS	

Class 11th and 12th
2021-22

**3. BI-MONTHLY DISTRIBUTION OF SYLLABUS
(BIOLOGY)**

	11th Class		12th Class
Month		Unit	
APRIL-MAY	Biology	1. Diversity in Living World i. The Living World ii. Biological Classification iii. Plant Kingdom	1. Reproduction i. Reproduction in Organisms ii. Sexual Reproduction in Flowering Plants iii. Human Reproduction iv. Reproductive Health 2. Genetics and Evolution i. Principles of Inheritance & Variation
Month		Unit	

26/5/22

JULY -AUGUST	Biology	1. Diversity in Living World iv. Animal Kingdom 2. Structural Organization in Animals and Plants i. Morphology of Flowering Plants ii. Anatomy of Flowering Plants iii. Structural Organization in Animals 3. Cell Structure and Function i. Cell: Structure and Function ii. Biomolecules iii. Cell Cycle and Cell Division	2. Genetics and Evolution ii. Molecular Basic of Inheritance iii. Evolution 3. Biology in Human Welfare i. Human Health and Disease ii. Strategies for enhancement in food production
Month		Unit	
SEPTEMBER		Exams & Revision	
Month		Unit	
OCTOBER - NOVEMBER	Biology	4. Plant Physiology i. Transport in Plants ii. Mineral Nutrition iii. Photosynthesis in Higher Plants iv. Respiration in Plants v. Plant Growth and Development	3. Biology in Human Welfare iii. Microbes in Human Welfare 4. Biotechnology and its Application i. Principle and processes in Biotechnology ii. Biotechnology and Its Applications 5. Ecology and Environment i. Organisms and Population
Month		Unit	
DECEMBER	Biology	5. Human Physiology i. Digestion and Absorption ii. Breathing and Exchange of Gases iii. Body Fluids and Circulation iv. Excretory Products and their Elimination	5. Biomolecules ii. Ecosystem iii. Biodiversity and its Conservation iv. Environmental Issues
Month		Unit	
JANUARY - FEBRUARY	Biology	v. Locomotion of Movement vi. Neural Control and Co-ordination vii. Chemical Co-ordination and Integration REVISION OF SYLLABUS	REVISION OF SYLLABUS
Month		Unit	
MARCH		EXAMS	

26/5/21