

DIVINE INTERNATIONAL ACADEMY
SYLLABUS 2022 – 23
CLASS XI

Subject: English

MONTH	MAIN COURSE BOOK (FLAMINGO)	SUPPLEMENTARY READER(VISTAS)	ADVANCED WRITING SKILLS/ ACTIVITY	CLASS TEST DATE
U.T.- 1	REVISION DATE FROM 1ST MAY 2022	EXAM DATE - 13/05/2022 TO 25/05/2022	PTM DATE 26/05/2022	
July	1. The Portrait of a lady 2. A photograph (Poem) 3. We are not afraid	1. The Summer of beautiful Tenses	Classified advertisements	23 July
U.T.- 2	REVISION DATE FROM – 03/08/2022 to 10/08/2022	EXAM DATE – 11/08/2022 TO 22/08/2022	PTM DATE 31/08/2022 TO 03/09/2022	
August	4. Discovering tut... 5. The laburnum (Poem)	2. The address	Group discussion (All group)	29 Aug
TERM - I	REVISION DATE FROM 14/09/2022 to 19/09/2022	EXAM DATE – 20/09/2022 to 01/10/2022	PTM DATE 14/10/2022 to 17/10/2022	
September	6. The voice of the rain 7. Childhood poem	3. Mothers Day	Poster making	
Syllabus of Term – The portrait of a lady, a photograph, we are not of raid , discovery, The labumum, the voice of rain, childhood, snapshots- the summer , The address , Mother’s Day, Writing skills , advertisement, poster making , grammar , tenses				
October	8. The Adventure	4. Birth Clauses	Speech Quiz (all group)	07 Oct
U.T.- 3	REVISION DATE FROM 14/11/2022 to 19/11/2022	EXAM DATE – 21/11/2022 to 26/11/2022	PTM DATE 10/12/2022 to 03/12/2022	
November	9. Silk Road	Re-ordering / transformation of sentences	Debate on contemporary topical issues PPT – Presentation (All group)	04 Nov
December	Father to son	The tale of melon city		
U.T.- 4	REVISION DATE FROM 26/12/2022 to 31/12/2022	EXAM DATE – 02/01/2022 to 10/01/2022	PTM DATE 20/01/2022 to 23/01/2022	
January	Revision	Revision		
February	Revision + Exam	Revision + Exam		
SYLLABUS FOR TERM – II COMPLETE SYLLABUS				

MONTH	LESSONS	ACTIVITIES/ PRACTICAL'S	CLASS TEST DATE
U.T.- 1	REVISION DATE FROM 1ST MAY 2022	EXAM DATE – 13/05/2022 TO 25/05/2022	PTM DATE 26/05/2022
July	Unit - I Physical world & measurement Chapter – 2 Unit and measurements	Exp. – 1 To measure diameter of a small spherical / cylindrical body using vernier calipers.	08 July or 29 July
U.T.- 2	REVISION DATE FROM – 03/08/2022 to 10/08/2022	EXAM DATE – 11/08/2022 TO 22/08/2022	PTM DATE 31/08/2022 TO 03/09/2022
August	Unit - II Chap. 3 Motion in a straight line Chap. 4 Motion in a plane	Exp – 2 - To measure diameter of a given wire (using screw gauge) Group discussion (All group)	
TERM - I	REVISION DATE FROM 14/09/2022 to 19/09/2022	EXAM DATE – 20/09/2022 to 01/10/2022	PTM DATE 14/10/2022 to 17/10/2022
Sep.	Unit - III Laws of motion	Exp – 3 To determine thickness of the given sheet using screw gauge.	2 Sep
Oct.	Unit - IV Chap- 6 - Work energy & Power	Exp – 4 To determine the radius of curvature of a spherical surface by spherometer Quiz (all group)	10 Oct
U.T.- 3	REVISION DATE FROM 14/11/2022 to 19/11/2022	EXAM DATE – 21/11/2022 to 26/11/2022	PTM DATE 10/12/2022 to 03/12/2022
Nov.	Unit - V Chap – 7 – System of particles & rotational motion. Unit - VI Chap – 8 -Gravitation	Exp – 5 To determine the mass of to different object using beam balance PPT – Presentation (All group)	07 Nov
Dec.	Unit - VII Properties of bulk modulus Chap- 9 , 10 & 11	Activity To determine the mass of a given body using a meter scale by principle of moments	
U.T.- 4	REVISION DATE FROM 26/12/2022 to 31/12/2022	EXAM DATE – 02/01/2022 to 10/01/2022	PTM DATE 20/01/2022 to 23/01/2022
Jan.	Unit - VIII Chap – 12 – Thermodynamics Unit - IX Chap – 13 – Kinetic theory	Activity To study the variation in the range of a jet of water with angle of projection.	
Feb	Unit - X Chap – 14 – Oscillation Chap – 15 - Waves	Exp – 6 To determine the young's modulus of elasticity of material of given wire.	
SYLLABUS FOR TERM – II		COMPLETE SYLLABUS	

Month	Lessons/ Chapters	Activities/ Practical	Class Test Date
U.T.- 1	REVISION DATE FROM 1ST MAY 2022	EXAM DATE - 13/05/2022 TO 25/05/2022	PTM DATE 26/05/2022
JULY	Some Basic concept of Chemistry Structure of atom - I		11 July
U.T.- 2	REVISION DATE FROM - 03/08/2022 to 10/08/2022	EXAM DATE - 11/08/2022 TO 22/08/2022	PTM DATE 31/08/2022 TO 03/09/2022
AUGUST	Structure & atom - II Classification of elements & Periodicity in properties	Determination of strength of a given solution of sodium hydroxide by titrating it against standard solution of oxalic acid. Group discussion (All group)	01 Aug
TERM - I	REVISION DATE FROM 14/09/2022 to 19/09/2022	EXAM DATE - 20/09/2022 to 01/10/2022	PTM DATE 14/10/2022 to 17/10/2022
SEPTEMBER	Chemical bonding and molecular structure - I	Salt Analysis $(\text{NH}_4)_2 \text{CO}_3$	06 Sep
OCTOBER	Chemical bonding and molecular structure - II Chemical thermodynamics	Salt Analysis $\text{Pb}(\text{NO}_3)_2$ Salt Analysis CuCl_2 Quiz (all group)	14 Oct
U.T.- 3	REVISION DATE FROM 14/11/2022 to 19/11/2022	EXAM DATE - 21/11/2022 to 26/11/2022	PTM DATE 10/12/2022 to 03/12/2022
NOVEMBER	Chemical equilibrium	Salt Analysis $\text{Al}_2 (\text{SO}_4)_3$ PPT - Presentation (All group)	11 Nov
December	Redox Reaction, Organic chemistry: Some basic principals and technique - I	Salt Analysis CaBr_2	
U.T.- 4	REVISION DATE FROM 26/12/2022 to 31/12/2022	EXAM DATE - 02/01/2022 to 10/01/2022	PTM DATE 20/01/2022 to 23/01/2022
JANUARY	Organic chemistry: Some basic principals and technique - II Hydrocarbon	Test for un saturation	
FEBRUARY	Revision		
SYLLABUS FOR TERM - II COMPLETE SYLLABUS			

MONTH	LESSONS	ACTIVITIES/ PRACTICAL'S	CLASS TEST DATE
U.T.- 1	REVISION DATE FROM 1ST MAY 2022	EXAM DATE - 13/05/2022 TO 25/05/2022	PTM DATE 26/05/2022
JULY	Diversity of living organism (The living world, Biological classification)	Preparation and study of T.S. of dicot and monocot roots and stem.	22 July
U.T.- 2	REVISION DATE FROM - 03/08/2022 to 10/08/2022	EXAM DATE - 11/08/2022 TO 22/08/2022	PTM DATE 31/08/2022 TO 03/09/2022
AUGUST	Plant kingdom, animal kingdom	Test for the presence of sugar starch in plant and animal material. Group discussion (All group)	26 Aug
TERM - I	REVISION DATE FROM 14/09/2022 to 19/09/2022	EXAM DATE - 20/09/2022 to 01/10/2022	PTM DATE 14/10/2022 to 17/10/2022
SEPTEMBER	Morphology of flowering plant anatomy of flowering plant	Spotting	16 Sep
OCTOBER	Structural organization in animal	Parts of compound microscope slides of Amoeba, Hydra, Ascaris. Quiz (all group)	28 Oct
U.T.- 3	REVISION DATE FROM 14/11/2022 to 19/11/2022	EXAM DATE - 21/11/2022 to 26/11/2022	PTM DATE 10/12/2022 to 03/12/2022
NOVEMBER	Cell the unit of life. Biomolecular Cell cycle and cell division	Mitosis in onion root tip cell and animal cell permanent slides. PPT - Presentation (All group)	
DECEMBER	Photosynthesis in higher plants. Respiration in higher plant growth and development	Study of distribution of stomata on the upper and lower surface of leaves.	
U.T.- 4	REVISION DATE FROM 26/12/2022 to 31/12/2022	EXAM DATE - 02/01/2022 to 10/01/2022	PTM DATE 20/01/2022 to 23/01/2022
JANUARY	Breathing and exchange of gases body fluid and circulation. Excretory products and their elimination.	Test for presence of urea in urine sugar.	
FEBRUARY	Locomotion and movement neural control and coordination chemical coordination and integration	Spotting - Human skeleton and different types of joints with the help of models only.	
SYLLABUS FOR TERM - II		COMPLETE SYLLABUS	

CLASS:- XI**SUBJECT: PHYSICAL EDUCATION**

MONTH	LESSON/CHAPTER	ACTIVITY/PRACTICAL'S	CLASS TEST DATE
U.T.- 1	REVISION DATE FROM 1ST MAY 2022	EXAM DATE – 13/05/2022 TO 25/05/2022	PTM DATE 26/05/2022
July	Chap – 1 Changing trends & carrier in Phy. Edu.		16 July
U.T.- 2	REVISION DATE FROM – 03/08/2022 to 10/08/2022	EXAM DATE – 11/08/2022 TO 22/08/2022	PTM DATE 31/08/2022 TO 03/09/2022
August	Chap – 2 Olympism Chap – 3 Yoga	Group discussion (All group)	05 Aug
TERM - I	REVISION DATE FROM 14/09/2022 to 19/09/2022	EXAM DATE – 20/09/2022 to 01/10/2022	PTM DATE 14/10/2022 to 17/10/2022
September	Chap – 4 Phy. Edu & Sports for CWSN		09 Sep
October	Chap – 5 Physical fitness , health & wellness Chap – 6 Test , Measurement and evolution	Quiz (all group)	17 Oct
U.T.- 3	REVISION DATE FROM 14/11/2022 to 19/11/2022	EXAM DATE – 21/11/2022 to 26/11/2022	PTM DATE 10/12/2022 to 03/12/2022
November	Chap – 7 Fundamentals of anatomy , physiology in sports	PPT – Presentation (All group)	18 Nov
December	Chap – 8 Fundamental & importance of kinesiology and biomechanics in sport		
U.T.- 4	REVISION DATE FROM 26/12/2022 to 31/12/2022	EXAM DATE – 02/01/2022 to 10/01/2022	PTM DATE 20/01/2022 to 23/01/2022
January	Chap – 9 Physiology in sports		
February	Chap – 10 Training and doping in sports		
SYLLABUS FOR TERM – II COMPLETE SYLLABUS			

CLASS: XI**SUBJECT:- MATHEMATICS**

MONTH	LESSON/CHAPTER	ACTIVITY/PRACTICAL	CLASS TEST DATE
01 July TO 10 Aug.	Trigonometry, complex numbers	Write all formulas of Trigonometry on chart paper	22 July
U.T.- 1 (11/08/2022 to 22/08/2022)			
12 August to 30 Aug	Permutation and combination, linear inequalities, Revision	Write any two examples of sequence and series of daily life and solve	26 Aug
01 Sep to 19 Sep	Binomial theorem , sequence and series Revision		16 Sep
TERM - I (20/09/2022 TO 01/10/2022)			
02 Oct to 30 Oct	Straight Line, Conic Section	Draw all figure of conic section and write all basic terms of all figure	28 Oct
01 Nov to 20 Nov	3-D, Limits and derivatives		
U.T.- 3 (21/11/2022 TO 26/11/2022)			
22 Nov. to 01 Jan	Statistics, Sets, Revision	Write the height of 10 students in your class and find variance of data	
U.T.- 4 (02/01/2023 to 10/01/2023)			
02 Jan to 19 Feb	Probability, Relation and functions, Revision	Find the height of your school building with the help of trigonometry	
TERM - II (20/02/2022 TO 04/03/2022)			