

Pakistan Navy Cadet College Ormara
Syllabus breakdown (session 2020-21)
1st Term (06 April to 29 May 2020)

Class: **IX**

Subject: **Chemistry**

MONTH	WEEK	CHAPTER/TOPIC	Reference Book
April 2020	1 st (6– 10 April)	Ch# 03 (Periodic Table periodicity of Properties periodic table sis of Pakistan) <ul style="list-style-type: none"> • Periodic Table 	Chemistry 9 th Publisher: National book Foundation as Federal Board Islamabad
	2 nd (13– 17 April)	Ch# 03 (Periodic Table periodicity of Properties periodic table sis of Pakistan) <ul style="list-style-type: none"> • Periodicity of Properties 	
	3 rd (20– 24 April)	Ch# 03 (Periodic Table periodicity of Properties periodic table sis of Pakistan) <ul style="list-style-type: none"> • Electron Affinity • Electronegativity 	
	4 th (27 Apr– 01 May)	Revision of Ch# 04	
May 2020	1 st (4– 8 May)	Ch# 04 (Structure of Molecules) <ul style="list-style-type: none"> • Why do atoms reacts? 	
	2 nd (11– 15 May)	Ch# 04 (Structure of Molecules) <ul style="list-style-type: none"> • Chemical Bonds • Type of Bonds 	
	3 rd (18– 22 May)	Ch# 04 (Structure of Molecules) <ul style="list-style-type: none"> • Type of Bonds • Intermolecular Forces 	
	4 th (25 – 29 May)	Revision of Ch# 04	

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Class: **IX**

Subject: **Pakistan Studies**

MONTH	WEEK	CHAPTER/TOPIC	Reference Book
April 2020	1 st (6– 10 April)	Ch# 01 (Ideological Basis of Pakistan) • Page (1-7)	Pakistan Studies 9 th Punjab Text Book Board Publisher: GFH
	2 nd (13– 17 April)	Ch# 01 (Ideological Basis of Pakistan) • Page (8-15)	
	3 rd (20– 24 April)	Ch# 01 (Ideological Basis of Pakistan) • Page (16-19)	
	4 th (27 Apr– 01 May)	Ch# 01 (Ideological Basis of Pakistan) • Page (20-27)	
May 2020	1 st (4– 8 May)	Ch# 02 (Making of Pakistan) • Page (28-35)	
	2 nd (11– 15 May)	Ch# 02 (Making of Pakistan) • Page (36-42)	
	3 rd (18– 22 May)	Ch# 02 (Making of Pakistan) • Page (43-49)	
	4 th (25 – 29 May)	Revision of Ch# 01 & Ch# 02	

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Class: **IX**

Subject: **English**

MONTH	WEEK	CHAPTER/TOPIC	Reference Book
April 2020	1 st (6– 10 April)	Ch# 01 (The Savior of Mankind) • Comprehension	English 8 th Punjab Curriculum And Text Book Board Lahore
	2 nd (13– 17 April)	Ch# 01 (The Savior of Mankind) • Use of Thesaurus • Prefix and Suffix	
	3 rd (20– 24 April)	Ch# 02 (Patriotism) • Comprehension	
	4 th (27 Apr– 01 May)	Ch# 02 (Patriotism) • Use of Pronunciation Key • All Tenses	
May 2020	1 st (4– 8 May)	Ch# 03 (Media and its Impact) • Comprehension	
	2 nd (11– 15 May)	Ch# 03 (Media and its Impact) • Explaining the Phrases • Parts of speech	
	3 rd (18– 22 May)	Ch# 04 (Hazrat Asma R.A) • Comprehension	
	4 th (25 – 29 May)	Ch# 04 (Hazrat Asma R.A) • Active and Passive Voice • Direct and Indirect speech	

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Class: **IX**

Subject: **Computer Science**

MONTH	WEEK	CHAPTER/TOPIC	Reference Book
April 2020	1 st (6– 10 April)	Ch# 02 (Fundamentals of Operating system) <ul style="list-style-type: none"> • Introduction • Operating system 	Computer science 9 th Publisher: National book Foundation as Federal Board Islamabad
	2 nd (13– 17 April)	Ch# 02 (Fundamentals of Operating system) <ul style="list-style-type: none"> • Getting start with GUI Operating system 	
	3 rd (20– 24 April)	Ch# 02 (Fundamentals of Operating system) <ul style="list-style-type: none"> • System installation 	
	4 th (27 Apr– 01 May)	Revision of Ch# 02	
May 2020	1 st (4– 8 May)	Ch# 03 (Office automation) <ul style="list-style-type: none"> • Office automation 	
	2 nd (11– 15 May)	Ch# 03 (Office automation) <ul style="list-style-type: none"> • Spreadsheet 	
	3 rd (18– 22 May)	Ch# 03 (Office automation) <ul style="list-style-type: none"> • Urdu editor 	
	4 th (25 – 29 May)	Revision of Ch# 03	

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Class: **IX**

Subject: **Biology**

MONTH	WEEK	CHAPTER/TOPIC	Reference Book
April 2020	1 st (6– 10 April)	Ch# 03 (Biodiversity) <ul style="list-style-type: none"> • Biodiversity • Classification- Aims and Principles 	Biology 9 th Punjab Text Book Board Publisher: karwan book house, Lahore
	2 nd (13– 17 April)	Ch# 03 (Biodiversity) <ul style="list-style-type: none"> • History of classification and system • The five kingdoms 	
	3 rd (20– 24 April)	Ch# 03 (Biodiversity) <ul style="list-style-type: none"> • Binomial nomenclature • Conservation of Biodiversity 	
	4 th (27 Apr– 01 May)	Ch# 04 (Cells and Tissues) <ul style="list-style-type: none"> • Microscopy and the Emergency of cell Theory 	
May 2020	1 st (4– 8 May)	Ch# 04 (Cells and Tissues) <ul style="list-style-type: none"> • Cellular structures and Functions • Cell size & surface area to volume ratio 	
	2 nd (11– 15 May)	Ch#04 (Cells and Tissues) <ul style="list-style-type: none"> • Cell size & surface area to volume ratio • Passage of molecules into and out of cells 	
	3 rd (18– 22 May)	Ch#04 (Cells and Tissues) <ul style="list-style-type: none"> • Animals and plant Tissues 	
	4 th (25 – 29 May)	Diagrams Revision of Ch# 03 & 04	

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Class: **IX**

Subject: **Physics**

MONTH	WEEK	CHAPTER/TOPIC	Reference Book
April 2020	1 st (6– 10 April)	Ch# 03 (Dynamics) <ul style="list-style-type: none"> • Force, inertia and momentum • Newton laws of motion 	Physics 9 th Panjab Text Book Board Publisher: karwan book house, Lahore
	2 nd (13– 17 April)	Ch# 03 (Dynamics) <ul style="list-style-type: none"> • Law of Conservation of Momentum 	
	3 rd (20– 24 April)	Ch# 03 (Dynamics) <ul style="list-style-type: none"> • Friction 	
	4 th (27 Apr– 01 May)	Ch# 03 (Dynamics) <ul style="list-style-type: none"> • Uniform Circular Motion • Like and Unlike parallel forces 	
May 2020	1 st (4– 8 May)	Ch# 04 (Turning Effect of Forces) <ul style="list-style-type: none"> • Addition of forces • Resolution of forces 	
	2 nd (11– 15 May)	Ch# 04 (Turning Effect of Forces) <ul style="list-style-type: none"> • Torque or Momentum of force • Principal of momentum • Center of mass & Center of Gravity 	
	3 rd (18– 22 May)	Ch# 04 (Turning Effect of Forces) <ul style="list-style-type: none"> • Couple • Equilibrium • Stability 	
	4 th (25 – 29 May)	Ch# 04 (Turning Effect of Forces) <ul style="list-style-type: none"> • Revision of Ch# 03 & 04 	

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Class: **IX**

Subject: **Mathematics**

MONTH	WEEK	CHAPTER/TOPIC	Reference Book
April 2020	1 st (6– 10 April)	Ch# 03 (Logarithms) <ul style="list-style-type: none"> • Scientific notation 	Mathematics 9 th Punjab text book Board Publisher: Caravan Book House, Lahore
	2 nd (13– 17 April)	Ch# 03 (Logarithms) <ul style="list-style-type: none"> • Logarithm • Common & Natural logarithm 	
	3 rd (20– 24 April)	Ch# 03 (Logarithms) <ul style="list-style-type: none"> • Laws of logarithm • Application of logarithm 	
	4 th (27 Apr– 01 May)	Revision of Ch# 03	
May 2020	1 st (4– 8 May)	Ch# 04 (Algebraic Expressions and Algebraic formulas) <ul style="list-style-type: none"> • Algebraic expressions 	
	2 nd (11– 15 May)	Ch# 04 (Algebraic Expressions and Algebraic formulas) <ul style="list-style-type: none"> • Algebraic formulae 	
	3 rd (18– 22 May)	Ch# 04 (Algebraic Expressions and Algebraic formulas) <ul style="list-style-type: none"> • Surds & their application 	
	4 th (25 – 29 May)	Ch# 04 <ul style="list-style-type: none"> • Rationalization • Revision of Ch# 04 	

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Syllabus breakdown (session 2020-2021)
1st Term 6TH April 20 TO 29 MAY 2020

CLASS:IX

SUBJECT: Islamiyat

MONTH	WEEK	CHAPTER/TOPIC	Reference Book
April 2020	1 st (6-10 April)	سورة انفال آیت 1 تا 10 بمع ترجمہ (صفحہ نمبر 7 تا 8)	اسلامیات لازمی پنجاب کریکولم اینڈ ٹیکسٹ بک بورڈ لاہور
	2 nd (13-17 April)	سورة انفال آیت 11 تا 19 بمع ترجمہ (صفحہ نمبر 9 تا 10)	
	3 rd (20-24 April)	سورة انفال آیت 20 تا 28 مع ترجمہ (صفحہ نمبر 11 تا 12)	
	4 th (27-30 April)	سورة انفال آیت 29 تا 37 بمع ترجمہ (صفحہ نمبر 13 تا 14)	
May 2020	1 st (4-8 May)	سورة انفال آیت 38 تا 44 بمع ترجمہ (صفحہ نمبر 15 تا 16)	
	2 nd (11-15 May)	سورة انفال آیت 45 تا 48 بمع ترجمہ (صفحہ نمبر 17 تا 18)	
	3 rd (18-22 May)	سورة انفال آیت 49 تا 58 بمع ترجمہ (صفحہ نمبر 19 تا 20)	
	4 th (22-29 May)	سورة انفال آیت 59 تا 64 بمع ترجمہ (صفحہ نمبر 21 تا 22)	

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Syllabus breakdown (session 2020-2021)
1st Term 6TH April 20 TO 29 MAY 2020

CLASS:IX

SUBJECT: Urdu

MONTH	WEEK	CHAPTER/TOPIC	Reference Book
April 2020	1 st (6-10 April)	باب اول صرف و نحو (صفحہ نمبر 1 تا 6)	اردو قواعد و انشا پنجاب کریمولم اینڈ ٹیکسٹ بک بورڈ لاہور
	2 nd (13-17 April)	باب اول صرف و نحو (صفحہ نمبر 7 تا 12)	
	3 rd (20-24 April)	باب اول صرف و نحو (صفحہ نمبر 13 تا 20)	
	4 th (27-30 April)	باب اول صرف و نحو (صفحہ نمبر 21 تا 24)	
May 2020	1 st (4-8 May)	باب دوم جنس اور عدد (صفحہ نمبر 25 تا 32)	
	2 nd (11-15 May)	باب سوم نے اور کو کا استعمال (صفحہ نمبر 33 تا 35)	
	3 rd (18-22 May)	باب چہارم تلفظ (صفحہ نمبر 36 تا 40)	
	4 th (22-29 May)	باب پنجم علم بیان (صفحہ نمبر 41 تا 45)	