

PHYSICS CLASS 11
POSSIBLE SCHEME ACCORDING TO MODEL PAPER
ACCORDING TO NEW FEDERAL BOARD'S PATTERN
FOR FIRST AND SECOND ANNUAL 2025
(Valid for Mirpur and Federal Boards)

MOST PROBABLE SHORT QUESTIONS

NO	CHAPTER NUMBER (NAME)	NUMBER OF QUESTIONS	TOTAL NUMBER IN PAPER (SHORT)
1	CHAPTER NO 1 (PHYSICAL QUANTITIES AND MEASUREMENTS)	1 / 2 SHORT QUESTIONS	3 / 6 NUMBERS
2	CHAPTER NO 2 (VECTORS)	2 SHORT QUESTIONS	6 NUMBERS
3	CHAPTER NO 3 (TRANSLATORY MOTION)	2 SHORT QUESTIONS	6 NUMBERS
4	CHAPTER NO 4 (ROTATIONAL AND CIRCULAR MOTION)	2 / 3 SHORT QUESTIONS	6 / 9 NUMBERS
5	CHAPTER NO 5 (WORK AND KINETIC ENERGY)	1 / 2 SHORT QUESTIONS	3 / 6 NUMBERS
6	CHAPTER NO 6 (FLUID MECHANICS)	2 / 3 SHORT QUESTIONS	6 / 9 NUMBERS
7	CHAPTER NO 7 (DEFORMATION OF SOLID)	3 SHORT QUESTIONS	9 NUMBERS
8	CHAPTER NO 8 (HEAT AND THERMODYNAMICS)	3 SHORT QUESTIONS	9 NUMBERS
9	CHAPTER NO 9 (WAVES)	2 / 3 SHORT QUESTIONS	6 / 9 NUMBERS
10	CHAPTER NO 10 (ELECTROSTATICS)	1 / 2 SHORT QUESTIONS	3 / 6 NUMBERS

NOT FOR SALE

11	CHAPTER NO 11 (ELECTRICITY)	2 SHORT QUESTIONS	6 NUMBERS
12	CHAPTER NO 12 (MAGNETISM)	2 SHORT QUESTIONS	6 NUMBERS
13	CHAPTER NO 13 (RELATIVITY)	1 SHORT QUESTIONS	3 NUMBERS
14	CHAPTER NO 14 (PARTICLE PHYSICS)	1 SHORT QUESTIONS	3 NUMBERS

NOTE:

A LITTLE BIT FLUCTUATION IN SHORT QUESTIONS ANSWERS MAY OCCUR. BUT **INSHALLAH** 90% OF THE PAIRING SCHEME OF THESE SHORT QUESTIONS ANSWERS ARE CONFIRMED. OUT OF 28 QUESTIONS ANSWERS, THE PERCENTAGE OF SHORT QUESTIONS ANSWERS FROM EXERCISE SHORT WOULD NOT BE MORE THAN 60% OF THE TOTAL. SHORT QUESTIONS ANSWERS PDF OF SIR HAMZA HAS BEEN UPLOADED IN GROUPS. YOU MUST PREPARE THE PDF. **INSHALLAH** ALL QUESTIONS ANSWERS WILL BE APPEARED FROM THERE.

POSSIBLE LONG QUESTION SCHEME

NOTE:

LONG QUESTIONS ANSWERS CAN'T BE CONFIRMED 100% BUT IF YOU DO THE FOLLOWING CHAPTERS FOR LONG QUESTIONS ANSWERS, **INSHALLAH** YOU CAN EASILY SOLVE THEM.

CHAPTERS: 2, 3, 4, 6, 8, 9, 11, 12, 14

★★★★★★★

PAIR NUMBER 1

1	CHAPTER NO 3 (TRANSLATORY MOTION)	7 NUMBERS
2	CHAPTER NO 4 / 8 (ROTATIONAL AND CIRCULAR MOTION) / (HEAT AND THERMODYNAMICS)	7 NUMBERS

NOT FOR SALE

PAIR NUMBER 2

1	CHAPTER NO 4 (ROTATIONAL AND CIRCULAR MOTION)	6 NUMBERS
2	CHAPTER NO 10 / 11 (ELECTROSTATICS) / (ELECTRICITY)	6 NUMBERS (Numerical / Theory)

PAIR NUMBER 3

1	CHAPTER NO 13 / 14 (RELATIVITY) / (PARTICLE PHYSICS)	7 NUMBERS
2	CHAPTER NO 6 / 12 (FLUID MECHANICS) / (MAGNETISM)	7 NUMBERS

PAIR NUMBER 4

1	CHAPTER NO 9 (WAVES)	6 NUMBERS
2	CHAPTER NO 3 / 5 (TRANSLATORY MOTION) / (WORK AND KINETIC ENERGY)	6 NUMBERS (Numerical)

NOTE:

ONE NUMERICAL PROBLEM WILL MUST APPEAR IN LONG QUESTIONS ANSWERS. BUT A LITTLE BIT FLUCTUATION CAN BE OCCURRED. SO, FOR NUMERICAL'S POINT OF VIEW, YOU MUST HAVE TO DO FOLLOWING CHAPTERS.

CHAPTER: 3, 5, 6, 8, 9, 11, 12

★★★★★

IMPORTANT LONG QUESTIONS

CHAPTER NO 2 (VECTORS):

Dot product ★

Cross product

CHAPTER NO 3 (TRANSLATORY MOTION):

Elastic collision in one dimension ★

NOT FOR SALE

Projectile motion with applications ★

CHAPTER NO 4 (ROTATIONAL AND CIRCULAR MOTION):

Centripetal force and acceleration ★

Moment of inertia

Angular motion with relation, conservation of angular momentum ★

Artificial gravity

CHAPTER NO 6 (FLUID MECHANICS):

Terminal velocity ★

Equation of continuity

Bernoulli's equation with applications ★

CHAPTER NO 7 (DEFORMATION OF SOLID):

Stress strain curve ★

CHAPTER NO 8 (HEAT AND THERMODYNAMICS):

Kinetic theory of gases

First law of thermodynamics with all applications ★

Difference between heat and Carnot's engine ★

Entropy ★

CHAPTER NO 9 (WAVES):

Doppler's effect with applications ★

Interference

Stationary waves with types ★

CHAPTER NO 10 (ELECTROSTATICS):

Coulomb's law

Electric potential gradient

CHAPTER NO 11 (ELECTRICITY):

Kirchhoff's law

Wheatstone bridge ★

Potentiometer

CHAPTER NO 12 (MAGNETISM):

Explain magnetic field? Force on a current carrying conductor in magnetic field ★

Magnetic field acting on a moving charge and motion of a charged particle

Magnetic field patterns ★

Faraday's law of electromagnetic induction ★

Lenz's law and conservation of energy

CHAPTER NO 13 (RELATIVITY):

Special theory of relativity ★

CHAPTER NO 14 (PARTICLE PHYSICS):

Energies for alpha and beta decay

Explain quarks ★

(★) REPRESENTS THE MOST IMPORTANT QUESTIONS.

100% PAPER GUARANTEE FROM THIS SCHEME. [\(INSHALLAH\)](#)

Prepared By: Sir Hamza

ENGLISH CLASS 11
POSSIBLE SCHEME ACCORDING TO MODEL PAPER
ACCORDING TO NEW FEDERAL BOARD'S PATTERN
FOR FIRST AND SECOND ANNUAL 2025
(Valid for Mirpur and Federal Boards)

1) SOME IMPORTANT CHAPTERS FOR COMPREHENSION ARE GIVEN BELOW: (28 MARKS)

1. *The Necklace* ★
2. *The Last Leaf* ★
3. *The Ninny*
4. *The Three Questions* ★
5. *The Small Woman*
6. *Social Media*
7. *World Heritage Sites In Pakistan*
8. *Butterflies* ★
9. *Family values in Pakistan* ★

2) IMPORTANT POEMS FOR SUMMARY AND PARAPHRASING ARE GIVEN BELOW: (6 MARKS)

1. *The wind* ★
2. *The Darkling Thrush*
3. *Sunshine after rain*
4. *Break, Break, Break*

3) CHARACTER SKETCH WILL APPEAR FROM PLAY (FOURTEEN): (6 MARKS)

Describe the following characters:

1. *Mrs. Prynle*
2. *Dunham*
3. *Elaine*
4. *Oliver Farnsworth*

Also prepare the following questions from play:

1. *Theme of one act play*
2. *Elements of the plot of play*
3. *What impact does the point of view and the author's purpose have on the story*
4. *Discuss the use of figurative language in a literary text of your choice*

NOT FOR SALE

NOTE:

Prepare the characters sketches deeply as you understand the play efficiently and can able to solve the questions more easily.

4) APPLICATION, CV AND RESUME: (8 MARKS)

Application, CV, Job application and resume have a choice. You must do the formal and informal applications. Don't need to go to the side of CV and Resume. Specimen of application and job application will be sent in group in a separate pdf.

SOME IMPORTANT APPLICATIONS:

1. Fee concession
2. Marriage party
3. Remission of fine
4. College leaving certificate / character certificate
5. Sick leave / urgent piece of work

IMPORTANT JOB APPLICATIONS:

6. Application for medical officer
7. For digital sales executive
8. Web developer
9. For the post of school / college teacher
10. Post of Junior clerk

5) THIS QUESTION HAS THREE PARTS:

PART A:

CHOICE BETWEEN PHRASAL VERBS AND IDIOMS: (6 MARKS)

- Important idioms pdf has been uploaded in groups.
- Phrasal verb pdf will upload soon.

PART B:

NARRATION: (6 MARKS)

Lecture of Narration has been uploaded in groups and YouTube channel of Sir Hamza. Moreover, Narration has been covered briefly in notes of English Grammar by Sir Hamza.

PART C:

PUNCTUATION: (4 MARKS)

Lecture of Punctuation will be uploaded in groups and YouTube channel of Sir Hamza very soon. Moreover, Punctuation has been covered briefly in notes of English Grammar by Sir Hamza.

NOT FOR SALE

6) CHOICE BETWEEN REPORT AND LETTER: (8 MARKS)

Specimen of report and letter will be sent in group in a separate pdf.

SOME IMPORTANT REPORTS:

1. *To deputy commissioner on increasing crime ★*
2. *To editor of newspaper on sugar / energy crisis ★*
3. *To editor on drugs addiction*
4. *To editor on air pollution, traffic discipline, winter smog. Etc ★*

SOME IMPORTANT LETTERS: (FORMAL)

- 1) *Letter to DPO on street crimes ★*
- 2) *Letter to editor on road accidents ★*
- 3) *Health crises / cleanliness issue*
- 4) *Small businesses loans*
- 5) *Air pollution ★*
- 6) *Lack of traffic signals / public Library ★*

7) IMPORTANT CHAPTERS FOR TRANSLATION INTO URDU: (8 MARKS)

1. *Family values in Pakistan ★*
2. *Shooting stars ★*
3. *Butterflies ★*
4. *Clean water*
5. *World Heritage site in Pakistan ★*
6. *Social media*
7. *The three questions ★*
8. *The Necklace*

(★) REPRESENTS THE MOST IMPORTANT QUESTIONS.

100% PAPER GUARANTEE FROM THIS SCHEME (INSHALLAH)

NOT FOR SALE

URDU CLASS 11
POSSIBLE SCHEME ACCORDING TO MODEL PAPER
ACCORDING TO NEW FEDERAL BOARD'S PATTERN
FOR FIRST AND SECOND ANNUAL 2025
(Valid for Mirpur and Federal Boards)

(۱) سبق کے سوالات جوابات: (24 نمبر)

سوالات جوابات کے لئے اگر درج ذیل اسباق پڑھ لئے جائیں تو سوالات با آسانی حل کئے جا سکتے ہیں۔

1. اخلاق حسنہ ★
 2. نیا قانون ★
 3. تاریخ کا کفن ★
 4. دہلیز
 5. اور پاکستان بن گیا ★
 6. ایک استاد عدالت کے کٹہرے میں ★
- نوٹ: تمام اسباق کو ایک مرتبہ لازمی پڑھیں۔ آپ کے علم میں اضافہ ہو گا۔ املاء کی اغلاط میں کمی واقع ہو گی۔ تمام اسباق بہت ہی اچھے ہیں۔

(۲) اہم نظمیں (سوالات و جوابات کے لئے): (12 نمبر)

1. حمد ★
2. نعت ★
3. اے وادی لولاب ★
4. آزادی
5. رحمٰن بابا

(۳) اہم غزلیں (سوالات و جوابات کے لئے): (4 نمبر)

1. میر تقی میر ★
2. منیر نیازی ★

3. فراق گورکھپوری
4. احمد فراز ★

(۴) اردو گرامر: (8 نمبر)

اردو گرامر کے لئے سر حمزہ کے تیار کردہ 20 صفحات پر مشتمل نوٹس بہت آزمودہ اور کارآمد ہیں۔
گرامر کا تمام نواد ان میں Cover کیا گیا ہے۔

(۵) سبق کی تشریح کے لئے: (6 نمبر)

1. اخلاق حسنہ ★
2. نیا قانون ★
3. تاریخ کا کفن ★
4. دہلیز
5. اور پاکستان بن گیا ★
6. پاکستانی زبانیں اور ان کا باہمی رشتہ

(۶) اہم نظمیں (تشریح کے لئے): (7 نمبر)

1. حمد ★
2. نعت ★
3. اے وادی لولاب ★
4. آزادی
5. ملی نغمہ

(۷) اہم غزلیں (تشریح کے لئے): (9 نمبر)

1. میر تقی میر
2. منیر نیازی ★
3. پروین شاکر ★
4. احمد فراز ★

(۸) درخواست اور خط: (5 نمبر)

درخواست اور خط میں سے کوئی ایک آ سکتا ہے۔ لہذا دونوں کے نمونے کچھ دن میں گروپ میں بھیج دیئے جائیں گے۔ خط اور درخواست کا ذخیرہ (شرح سرمایہ اردو) میں موجود ہے۔ زندگی ساری خط اور درخواست لکھی جاتی ہے اس لیے اسے سلیکٹ نہیں کیا جا رہا۔

(۹) رواداد، رپورٹ اور مکالمہ نویسی: (5 نمبر)

رپورٹ، رواداد اور مکالمے کے نمونے کچھ دن میں گروپ میں بھیج دیئے جائیں گے۔

[★] REPRESENTS THE MOST IMPORTANT QUESTIONS.

100% PAPER GUARANTEE FROM THIS SCHEME. (INSHALLAH)

MATHEMATICS CLASS 11
POSSIBLE SCHEME ACCORDING TO MODEL PAPER
ACCORDING TO NEW FEDERAL BOARD'S PATTERN
FOR FIRST AND SECOND ANNUAL 2025
(Valid for Mirpur and Federal Boards)

MOST PROBABLE SHORT QUESTIONS

NO	CHAPTER NUMBER (NAME)	NUMBER OF QUESTIONS	TOTAL NUMBER IN PAPER (SHORT)
1	CHAPTER NO 1 (COMPLEX NUMBERS)	2 / 3 SHORT QUESTIONS	8 / 12 NUMBERS
2	CHAPTER NO 2 (MATRICES AND DETERMINANTS)	3 SHORT QUESTIONS	12 NUMBERS
3	CHAPTER NO 3 (VECTORS)	2 / 3 SHORT QUESTIONS	8 / 12 NUMBERS
4	CHAPTER NO 4 (SEQUENCES AND SERIES)	3 SHORT QUESTIONS	12 NUMBERS
5	CHAPTER NO 5 (DIVISION OF POLYNOMIALS)	2 SHORT QUESTIONS	8 NUMBERS
6	CHAPTER NO 6 (PERMUTATION AND COMBINATION)	3 SHORT QUESTIONS	12 NUMBERS
7	CHAPTER NO 7 (MATHEMATICAL INDUCTION AND BINOMIAL THEOREM)	3 SHORT QUESTIONS	12 NUMBERS
8	CHAPTER NO 8 (FUNDAMENTALS OF TRIGONOMETRY)	3 SHORT QUESTIONS	12 NUMBERS
9	CHAPTER NO 9 (TRIGONOMETRIC FUNCTIONS)	2 / 3 SHORT QUESTIONS	8 / 12 NUMBERS

NOT FOR SALE

NOTE:

FULL CHAPTER SOLVED PDF HAS BEEN UPLOADED IN GROUPS. BUT IMPORTANT SHORT AND LONG QUESTIONS ANSWERS PDF WOULD BE UPLOADED SOON. IMPORTANT EXERCISES FOR SHORT QUESTIONS WOULD BE MARKED SHORTLY.

POSSIBLE LONG QUESTION SCHEME

PAIR NUMBER 1

1	CHAPTER NO 1 (COMPLEX NUMBERS)	8 NUMBERS
2	CHAPTER NO 3 (VECTORS)	8 NUMBERS

PAIR NUMBER 2

1	CHAPTER NO 2 / 7 (MATRICES AND DETERMINANTS) / (MATHEMATICAL INDUCTION AND BINOMIAL THEOREM)	8 NUMBERS
2	CHAPTER NO 8 (FUNDAMENTALS OF TRIGONOMETRY)	8 NUMBERS

PAIR NUMBER 3

1	CHAPTER NO 2 (MATRICES AND DETERMINANTS)	8 NUMBERS
2	CHAPTER NO 9 (TRIGONOMETRIC FUNCTIONS)	8 NUMBERS

PAIR NUMBER 4

1	CHAPTER NO 4 / 7 (SEQUENCES AND SERIES) / (MATHEMATICAL INDUCTION AND BINOMIAL THEOREM)	8 NUMBERS
2	CHAPTER NO 6 (PERMUTATION AND COMBINATION)	8 NUMBERS

NOTE:

IMPORTANT CHAPTERS LONG QUESTIONS ANSWERS THAT MUST BE DONE BY EVERYONE.

CHAPTERS: 1, 2, 4, 6, 7, 8, 9

★★★★★★

IMPORTANT EXERCISES FOR LONG QUESTIONS

CHAPTER NO 1 (COMPLEX NUMBERS):

EXERCISES: 1.3, 1.4

CHAPTER NO 2 (MATRICES AND DETERMINANTS):

EXERCISES: 2.4, 2.5, 2.6

CHAPTER NO 3 (VECTORS):

EXERCISES: 3.3, 3.4

CHAPTER NO 4 (SEQUENCES AND SERIES):

EXERCISES: 4.5, 4.6 ★, 4.7 ★, 4.8 ★

CHAPTER NO 6 (PERMUTATION AND COMBINATION):

EXERCISES: 6.2, 6.3

CHAPTER NO 7 (MATHEMATICAL INDUCTION AND BINOMIAL THEOREM):

EXERCISES: 7.2, 7.3, 7.4

CHAPTER NO 8 (FUNDAMENTALS OF TRIGONOMETRY):

EXERCISES: 8.1 ★, 8.2, 8.3 ★

CHAPTER NO 9 (TRIGONOMETRIC FUNCTIONS):

EXERCISES: 9.1

NOTE:

IMPORTANT LONG QUESTION ANSWERS WOULD BE APPEAR SOON.

[★] REPRESENTS THE MOST IMPORTANT QUESTIONS.

100% PAPER GUARANTEE FROM THIS SCHEME. (INSHALLAH)

CHEMISTRY CLASS 11
POSSIBLE SCHEME ACCORDING TO MODEL PAPER
ACCORDING TO NEW FEDERAL BOARD'S PATTERN
FOR FIRST AND SECOND ANNUAL 2025
(Valid for Mirpur and Federal Boards)

MOST PROBABLE SHORT QUESTIONS

NO	CHAPTER NUMBER (NAME)	NUMBER OF QUESTIONS	TOTAL NUMBER IN PAPER (SHORT)
1	CHAPTER NO 1 (HISTORY OF CHEMISTRY)	0 SHORT QUESTIONS	0 NUMBERS
2	CHAPTER NO 2 (ATOMIC STRUCTURE)	2 / 3 SHORT QUESTIONS	6 / 9 NUMBERS
3	CHAPTER NO 3 (CHEMICAL BONDING)	2 SHORT QUESTIONS	6 NUMBERS
4	CHAPTER NO 4 (STOICHIOMETRY)	2 SHORT QUESTIONS	6 NUMBERS
5	CHAPTER NO 5 (STATES AND PHASES OF MATTER)	2 SHORT QUESTIONS	6 NUMBERS
6	CHAPTER NO 6 (ENERGETICS)	1 / 2 SHORT QUESTIONS	3 / 6 NUMBERS
7	CHAPTER NO 7 (CHEMICAL KINETICS)	1 SHORT QUESTIONS	3 NUMBERS
8	CHAPTER NO 8 (CHEMICAL EQUILIBRIUM)	1 / 2 SHORT QUESTIONS	3 / 6 NUMBERS
9	CHAPTER NO 9 (ACIDS-BASES CHEMISTRY)	2 SHORT QUESTIONS	6 NUMBERS
10	CHAPTER NO 10 (PERIODIC TABLE)	2 SHORT QUESTIONS	6 NUMBERS

NOT FOR SALE

11	CHAPTER NO 11 (NITROGEN AND SULPHUR)	1 SHORT QUESTIONS	3 NUMBERS
12	CHAPTER NO 12 (HALOGENS)	1 SHORT QUESTIONS	3 NUMBERS
13	CHAPTER NO 13 (ENVIRONMENTAL CHEMISTRY - AIR)	0 SHORT QUESTIONS	0 NUMBERS
14	CHAPTER NO 14 (ENVIRONMENTAL CHEMISTRY - WASTE)	0 SHORT QUESTIONS	0 NUMBERS
15	CHAPTER NO 15 (ORGANIC CHEMISTRY)	1 / 2 SHORT QUESTIONS	3 / 6 NUMBERS
16	CHAPTER NO 16 (HYDROCARBONS)	2 SHORT QUESTIONS	6 NUMBERS
17	CHAPTER NO 17 (HALOGENOALKANES)	1 / 2 SHORT QUESTIONS	3 / 6 NUMBERS
18	CHAPTER NO 18 (ALCOHOL)	1 / 2 SHORT QUESTIONS	3 / 6 NUMBERS
19	CHAPTER NO 19 (CARBONYL COMPOUNDS)	2 / 3 SHORT QUESTIONS	6 / 9 NUMBERS
20	CHAPTER NO 20 (NITROGEN COMPOUNDS - AMINES)	1 SHORT QUESTIONS	3 NUMBERS
21	CHAPTER NO 21 (ORGANIC SYNTHESIS)	1 SHORT QUESTIONS	3 NUMBERS
21	CHAPTER NO 22 (ENERGY)	0 SHORT QUESTIONS	0 NUMBERS

NOTE:

NO SHORT QUESTIONS ANSWERS WOULD APPEAR FROM CHAPTER 1, 13, 14 AND 22. THESE FOUR CHAPTERS ARE FORMATIVE. SO, NO NEED TO PREPARE THESE FOUR CHAPTERS. A LITTLE BIT FLUCTUATION IN SHORT QUESTIONS ANSWERS MAY OCCUR. **INSHALLAH**. BUT **INSHALLAH** 90% OF THE PAIRING SCHEME OF THESE SHORT QUESTIONS ANSWERS ARE CONFIRMED. SHORT QUESTIONS ANSWERS PDF OF SIR HAMZA HAS BEEN UPLOADED IN GROUPS. YOU MUST PREPARE THE PDF. **INSHALLAH** ALL QUESTIONS ANSWERS WILL BE APPEARED FROM THERE.

POSSIBLE LONG QUESTION SCHEME**PAIR NUMBER 1**

1	CHAPTER NO 3 (CHEMICAL BONDING)	6 NUMBERS
2	CHAPTER NO 4 / 7 (STOICHIOMETRY) / (CHEMICAL KINETICS) {Numerical}	6 NUMBERS

PAIR NUMBER 2

1	CHAPTER NO 18 / 19 (ALCOHOL) / (CARBONYL COMPOUNDS)	6 NUMBERS
2	CHAPTER NO 8 / 9 (CHEMICAL EQUILIBRIUM) / (ACIDS-BASES CHEMISTRY) {Numerical}	6 NUMBERS

PAIR NUMBER 3

1	CHAPTER NO 16 / 3 (HYDROCARBONS) / (CHEMICAL BONDING)	7 NUMBERS
2	CHAPTER NO 17 (HALOGENOALKANES)	7 NUMBERS

PAIR NUMBER 4

1	CHAPTER NO 6 / 20 (ENERGETICS) / (NITROGEN COMPOUNDS - AMINES)	7 NUMBERS
2	CHAPTER NO 11 / 19 (NITROGEN AND SULPHUR) / (CARBONYL COMPOUNDS)	7 NUMBERS

NOTE:

LONG QUESTIONS ANSWERS MAY SHOW A LITTLE BIT FLUCTUATION BUT

NOT FOR SALE

ONSHALLAM 90% PAIRS WOULD BE SAME. YOU MUST DO THE FOLLOWING CHAPTERS TO COVER THE WHOLE LONG QUESTIONS ANSWERS.

CHAPTERS: 3, 4, 6, 7, 8, 9, 11, 15, 16, 17, 18, 19, 20

★ ★ ★ ★ ★ ★ ★ ★

IMPORTANT LONG QUESTIONS

CHAPTER NO 2 (ATOMIC STRUCTURE):

Quantum numbers

Mass spectrometry

CHAPTER NO 3 (CHEMICAL BONDING):

VSEPR theory ★

MOT ★

VB

Hybridizations ★

CHAPTER NO 4 (STOICHIOMETRY):

NUMERICAL EXAMPLES

4.5, 4.6, 4.7 ★, 4.8, 4.9, 4.10 ★, 4.12

EXERCISE NUMERICAL

5 ★, 6 ★, 7, 8 ★, 9 ★, 11 ★, 12 ★, 13 ★, 14, 15

CHAPTER NO 6 (ENERGETICS):

Enthalpy and its types ★

Hess's Law

Born Hyber's Cycle ★

CHAPTER NO 7 (CHEMICAL KINETICS):

Order of reactions ★

PE diagram and reaction mechanism ★

Catalysis

Half life method for determining rate constant

CHAPTER NO 8 (CHEMICAL EQUILIBRIUM):

Law of mass action ★

LE CHATELIER'S principle with industrial applications ★

NUMERICAL EXAMPLES

8.3, 8.4, 8.5

EXERCISE NUMERICAL

6, 9, 10, 14, 16

CHAPTER NO 9 (ACIDS-BASES CHEMISTRY):

Buffer solutions with their applications ★

Salt hydrolysis

Solubility product

NUMERICAL EXAMPLES

9.4 , 9.5 , 9.6

EXERCISE NUMERICAL

7 , 8 , 9

CHAPTER NO 11 (NITROGEN AND SULPHUR):

Sulphur

Sulphuric acid ★

CHAPTER NO 15 (ORGANIC CHEMISTRY):

Nomenclature of aliphatic organic compounds

Free radical substitutions reactions of alkanes ★

Isomerism and its types

CHAPTER NO 16 (HYDROCARBONS):

Chemical reactions of alkenes ★

Stereo isomerism

CHAPTER NO 17 (HALOGENOALKANES):

Preparations of alkyl halides ★

Reactions of alkyl halides ★

CHAPTER NO 18 (ALCOHOL):

Preparation and reactions of alcohol ★

CHAPTER NO 19 (CARBONYL COMPOUNDS):

Reactions of aldehydes and ketones ★

Preparation of carboxylic acid

Reactions of carboxylic acid

CHAPTER NO 20 (NITROGEN COMPOUNDS - AMINES):

Preparation and reactions of Amines

[★] REPRESENTS THE MOST IMPORTANT QUESTIONS.

100% PAPER GUARANTEE FROM THIS SCHEME. [\(INSHALLAH\)](#)

COMPUTER CLASS 11
POSSIBLE SCHEME ACCORDING TO MODEL PAPER
ACCORDING TO NEW FEDERAL BOARD'S PATTERN
FOR FIRST AND SECOND ANNUAL 2025
(Valid for Mirpur and Federal Boards)

MOST PROBABLE SHORT QUESTIONS

NO	CHAPTER NUMBER (NAME)	NUMBER OF QUESTIONS	TOTAL NUMBER IN PAPER (SHORT)
1	CHAPTER NO 1 (COMPUTER SYSTEMS)	6 / 7 SHORT QUESTIONS	18 / 21 NUMBERS
2	CHAPTER NO 2 (COMPUTATIONAL THINKING AND ALGORITHMS)	2 / 3 SHORT QUESTIONS	6 / 9 NUMBERS
3	CHAPTER NO 3 (PROGRAMMING FUNDAMENTALS)	6 / 7 SHORT QUESTIONS	18 / 21 NUMBERS
4	CHAPTER NO 4 (DATA AND ANALYSIS)	4 SHORT QUESTIONS	12 NUMBERS
5	CHAPTER NO 5 (APPLICATION OF COMPUTER SCIENCE)	2 / 3 SHORT QUESTIONS	6 / 9 NUMBERS
6	CHAPTER NO 6 (IMPACTS OF COMPUTING)	2 / 3 SHORT QUESTIONS	6 / 9 NUMBERS
7	CHAPTER NO 7 (DIGITAL LITERACY)	3 SHORT QUESTIONS	9 NUMBERS
8	CHAPTER NO 8 (ENTREPRENEURSHIP IN DIGITAL AGE)	3 SHORT QUESTIONS	9 NUMBERS

NOTE:

A LITTLE BIT FLUCTUATION IN SHORT QUESTIONS ANSWERS MAY OCCUR.

NOT FOR SALE

BUT **ONSHALLAH** 90% OF THE PAIRING SCHEME OF THESE SHORT QUESTIONS ANSWERS ARE CONFIRMED. SHORT QUESTIONS ANSWERS PDF OF SIR HAMZA HAS BEEN UPLOADED IN GROUPS. YOU MUST PREPARE THE PDF. **ONSHALLAH** ALL QUESTIONS ANSWERS WILL BE APPEARED FROM THERE.

SOME SHORT QUESTIONS (4 OR 5) WILL BE FROM PROGRAMMING PORTION. THEY WILL BE SIMPLE PROGRAMMING QUESTIONS SUCH AS FINDING OUTPUT AND ERROR CORRECTION. IF YOU HAVE GRIP ON BASIC SYNTAX AND A LITTLE BIT TASTE OF PROGRAMMING, YOU CAN EASILY SOLVE THEM. THESE QUESTIONS NEED ATTENTION, PRACTICE AND UNDERSTANDING. AND ALSO THE DATA DIFFERS FROM QUESTION TO QUESTION. DON'T NEED TO PANIC.

PROGRAMMING PART WILL BE REALLY EASY FOR THOSE WHO HAVE A BIT INTEREST IN PROGRAMMING.

NOTE:

CHAPTER NO 1 AND 3 ARE VERY IMPORTANT FOR LONG QUESTIONS ANSWERS. TWO LONG QUESTIONS WILL APPEAR FROM THERE. **ONSHALLAH** LONG QUESTIONS ANSWERS CAN'T BE CONFIRMED 100% BUT IF YOU DO THE FOLLOWING CHAPTERS FOR LONG QUESTIONS ANSWERS, **ONSHALLAH** YOU CAN EASILY SOLVE THEM.

CHAPTERS: 1, 2, 3, 4, 5

★★★★

POSSIBLE LONG QUESTION SCHEME

PAIR NUMBER 1

1	CHAPTER NO 1 (COMPUTER SYSTEMS)	5 NUMBERS
2	CHAPTER NO 3 (PROGRAMMING FUNDAMENTALS)	5 NUMBERS

PAIR NUMBER 2

1	CHAPTER NO 1 / 3 (COMPUTER SYSTEMS) / (PROGRAMMING FUNDAMENTALS)	5 NUMBERS
2	CHAPTER NO 2 / 4 (COMPUTATIONAL THINKING AND	5 NUMBERS

NOT FOR SALE

	ALGORITHMS) / (DATA AND ANALYSIS)	
--	--	--

PAIR NUMBER 3

1	CHAPTER NO 3 (PROGRAMMING FUNDAMENTALS)	5 NUMBERS
2	CHAPTER NO 2 / 5 (COMPUTATIONAL THINKING AND ALGORITHMS) / (APPLICATION OF COMPUTER SCIENCE)	5 NUMBERS

PAIR NUMBER 4

1	CHAPTER NO 1 / 5 (COMPUTER SYSTEMS) / (APPLICATION OF COMPUTER SCIENCE)	5 NUMBERS
2	CHAPTER NO 8 / 6 (ENTREPRENEURSHIP IN DIGITAL AGE) / (IMPACTS OF COMPUTING)	5 NUMBERS

IMPORTANT LONG QUESTIONS

CHAPTER NO 1 (COMPUTER SYSTEMS):

Boolean function, its simplification using K-map ★

Logic gates, truth tables and uses ★

SDLC ★

Software development models

Network topologies ★

Cyber security with threats

Encryption with types

CHAPTER NO 2 (COMPUTATIONAL THINKING AND ALGORITHMS):

Differ between sorting and searching algorithm ★

Testing computational artifacts

CHAPTER NO 3 (PROGRAMMING FUNDAMENTALS):

Operators in python ★

Functions in python ★

Differ between python variables and python input / output

Differ between python IDE and turtle graphics

Prepare the following programs: ★

1. Compute the area of a circle and rectangle by using functions
2. Compute a program to count even and odd numbers in a list by using while loop
3. Write a code to print the multiplication of first 10 odd numbers and first 10 even numbers and find the difference between them
4. Take a number as input from the user using a function and print a mathematical table
5. Write a program to calculate how many iterations it takes to subtract a small number from a larger number where both the numbers are positive integers.

CHAPTER NO 4 (DATA AND ANALYSIS):

Data collection methods ★
 Data analysis through python
 Experimental design in data science
 Statistical model techniques ★

CHAPTER NO 5 (APPLICATION OF COMPUTER SCIENCE):

Block chain with technologies ★
 Stakeholders interest in AI system
 Differ between cloud computing and big data analytics ★

CHAPTER NO 6 (IMPACTS OF COMPUTING):

Differ between reliable and unreliable information with sources ★
 Differ between assistive technologies and technological innovation ★
 How connectivity is improved by computing? How increased connectivity impacts the environment?
 Differ between data save renfiation suitable for humans and computer
 Describe information sources? Hiw it can be used safely

CHAPTER NO 7 (DIGITAL LITERACY):

Data collection strategies
 Differ between prototypes and surveys

CHAPTER NO 8 (ENTREPRENEURSHIP IN DIGITAL AGE):

Understanding prototypes
 Testing prototypes

(★) REPRESENTS THE MOST I MPORTANT QUESTIONS.

100% PAPER GUARANTEE FROM THIS SCHEME (INSHALLAH)

BIOLOGY CLASS 11
POSSIBLE SCHEME ACCORDING TO MODEL PAPER
ACCORDING TO NEW FEDERAL BOARD'S PATTERN
FOR FIRST AND SECOND ANNUAL 2025
(Valid for Mirpur and Federal Boards)

MOST PROBABLE SHORT QUESTIONS

NO	CHAPTER NUMBER (NAME)	NUMBER OF QUESTIONS	TOTAL NUMBER IN PAPER (SHORT)
1	CHAPTER NO 1 (CELLS AND SUBCELLULAR ORGANELLES)	2 SHORT QUESTIONS	6 NUMBERS
2	CHAPTER NO 2 (MOLECULAR BIOLOGY)	2 / 3 SHORT QUESTIONS	6 / 9 NUMBERS
3	CHAPTER NO 3 (ENZYMES)	2 SHORT QUESTIONS	6 NUMBERS
4	CHAPTER NO 4 (BIOENERGETICS)	2 SHORT QUESTIONS	6 NUMBERS
5	CHAPTER NO 5 (ACELLULAR LIFE)	1 / 2 SHORT QUESTIONS	3 / 6 NUMBERS
6	CHAPTER NO 6 (PROKARYOTES)	2 SHORT QUESTIONS	6 NUMBERS
7	CHAPTER NO 7 (PROTISTA AND FUNGI)	2 SHORT QUESTIONS	6 NUMBERS
8	CHAPTER NO 8 (PLANTAE)	2 / 3 SHORT QUESTIONS	6 / 9 NUMBERS
9	CHAPTER NO 9 (DIVERSITY IN PLANT FUNCTIONS)	2 SHORT QUESTIONS	6 NUMBERS
10	CHAPTER NO 10 (ANIMALIA)	2 SHORT	6 NUMBERS

NOT FOR SALE

		QUESTIONS	
11	CHAPTER NO 11 (REPRODUCTION)	2 SHORT QUESTIONS	6 NUMBERS
12	CHAPTER NO 12 (INHERITANCE)	2 / 3 SHORT QUESTIONS	6 / 9 NUMBERS
13	CHAPTER NO 13 (CHROMOSOME AND DNA)	2 / 3 SHORT QUESTIONS	6 / 9 NUMBERS
14	CHAPTER NO 14 (EVOLUTION)	2 / 3 SHORT QUESTIONS	6 / 9 NUMBERS
15	CHAPTER NO 15 (ECOLOGY)	1 / 2 SHORT QUESTIONS	3 / 6 NUMBERS

NOTE:

A LITTLE BIT FLUCTUATION IN SHORT QUESTIONS ANSWERS MAY OCCUR. **INSHALLAH**. BUT **INSHALLAH** 90% OF THE PAIRING SCHEME OF THESE SHORT QUESTIONS ANSWERS ARE CONFIRMED. SHORT QUESTIONS ANSWERS PDF OF SIR HAMZA HAS BEEN UPLOADED IN GROUPS. YOU MUST PREPARE THE PDF. **INSHALLAH** ALL QUESTIONS ANSWERS WILL BE APPEARED FROM THERE.

POSSIBLE LONG QUESTION SCHEME**PAIR NUMBER 1**

1	CHAPTER NO 1 (CELLS AND SUBCELLULAR ORGANELLES)	7 NUMBERS
2	CHAPTER NO 2 / 4 (MOLECULAR BIOLOGY) / (BIOENERGETICS)	7 NUMBERS

PAIR NUMBER 2

1	CHAPTER NO 4 / 5 (BIOENERGETICS) / (ACELLULAR LIFE)	7 NUMBERS
2	CHAPTER NO 12 (INHERITANCE)	7 NUMBERS

NOT FOR SALE

PAIR NUMBER 3

1	CHAPTER NO 5 / 6 (ACELLULAR LIFE) / (PROKARYOTES)	6 NUMBERS
2	CHAPTER NO 13 (CHROMOSOME AND DNA)	6 NUMBERS

PAIR NUMBER 4

1	CHAPTER NO 8 / 9 (PLANTAE) / (DIVERSITY IN PLANT FUNCTIONS)	6 NUMBERS
2	CHAPTER NO 15 (ECOLOGY)	6 NUMBERS

NOTE:

LONG QUESTIONS ANSWERS CAN'T BE CONFIRMED 100% BUT IF YOU DO THE FOLLOWING CHAPTERS FOR LONG QUESTIONS ANSWERS, **UNSHALLAH** YOU CAN EASILY SOLVE THEM.

CHAPTERS: 1, 2, 4, 5, 7, 9, 11, 12, 13, 15

★ ★ ★ ★ ★

IMPORTANT LONG QUESTIONS

CHAPTER NO 1 (CELLS AND SUBCELLULAR ORGANELLES):

Plasma membrane ★
Lysosomes ★
Plastids ★
Nucleus ★
Cell signaling ★
Stem cells

CHAPTER NO 2 (MOLECULAR BIOLOGY):

Properties of water
Classification of carbohydrates all ★
Proteins ★
Acylglycerols ★
Nucleic acids

NOT FOR SALE

CHAPTER NO 4 (BIOENERGETICS):

Differ between light and dark reaction ★

Glycolysis ★

Krebs cycle ★

Electron transport chain

Chemiosmosis

CHAPTER NO 5 (ACELLULAR LIFE):

Bacteriophage with structure and life cycles ★

Structure and life cycle of HIV ★

CHAPTER NO 6 (PROKARYOTES):

Modes of nutrition in bacteria ★

Methods of reproduction in bacteria

Shape, size, endospore formation and motility in bacteria

CHAPTER NO 7 (PROTISTA AND FUNGI):

Diversity among fungi

Importance of fungi

CHAPTER NO 9 (DIVERSITY IN PLANT FUNCTIONS):

Transport in plants

Ascent of Sap ★

Opening and closing of stomata ★

Osmotic adjustments in plants

Growth and development in plants ★

Photoperiodism

CHAPTER NO 11 (REPRODUCTION):

Define male reproductive system ★

Describe female reproductive system and cycle ★

CHAPTER NO 12 (INHERITANCE):

Dominance with types ★

ABO blood group system ★

Polygenic inheritance and epistasis ★

Gene linkage and crossing over

Sex linkage with disorders ★

CHAPTER NO 13 (CHROMOSOME AND DNA):

DNA as the hereditary material ★

DNA replication with mechanism ★

Gene expression

Genetic code

Mutation

CHAPTER NO 14 (EVOLUTION):

Comparison of Darwinism with Neo-Darwinism

CHAPTER NO 15 (ECOLOGY):

Nitrogen cycle ★

Ecological succession

(★) REPRESENTS THE MOST IMPORTANT QUESTIONS.

100% PAPER GUARANTEE FROM THIS SCHEME. (INSHALLAH)

ISLAMIAT CLASS 11
POSSIBLE SCHEME ACCORDING TO MODEL PAPER
ACCORDING TO NEW FEDERAL BOARD'S PATTERN
FOR FIRST AND SECOND ANNUAL 2025
(Valid for Mirpur and Federal Boards)

MOST PROBABLE SHORT QUESTIONS

نوٹ:

سر حمزہ کے تیار کردہ اسلامیات کے نوٹس گروپ میں بھیجے جا چکے ہیں۔ انشاء اللہ تمام مختصر سوالات ان میں سے حل ہو جائیں گے۔ لہذا وہ نوٹس لازمی تیار کریں۔ چونکہ صرف پانچ مختصر سوالات کرنے ہیں جو کہ صرف ۱۰ نمبرات پر مشتمل ہیں لہذا مختصر سوالات کے لئے نوٹس لازم و ملزوم ہیں۔ مختصر سوالات کی Pairing Scheme اس لئے نہیں بنائی جا رہی۔

IMPORTANT LONG QUESTIONS

اہم تفصیلی سوالات (16 نمبر)

1. قرآن مجید کے فضائل اور مکی مدنی سورتوں کی خصوصیات لکھیں؟ ★
2. عقیدہ توحید کا معنی و مفہوم، اقسام اور تقاضے بیان کریں؟ ★
3. عقیدہ رسالت سے کیا مراد ہے؟ نیز رسالت محمدی ﷺ کی خصوصیات تحریر کریں؟ ★
4. عقیدہ ملائکہ، اس کی اہمیت اور فرشتوں کو دی گئی ذمہ داریوں کا جائزہ لیں؟
5. آسمانی کتابوں کے نزول کے مقاصد اور دلائل پر روشنی ڈالیں؟
6. عقیدہ آخرت کا تصور کیا ہے؟ موت کے بعد انسان کن مراحل سے گزرتا ہے؟ ★
7. نماز کی اہمیت اور فلسفے پر نوٹ لکھیں؟ نیز نماز کے فوائد بھی بیان کریں؟
8. زکوٰۃ و عشر کی فضیلت بیان کریں؟ نیز اس کے نصاب اور مصارف پر بھی نوٹ لکھیں؟
9. روزہ کی اہمیت و فضیلت اور رمضان المبارک میں کئے جانے والے مسنون اعمال پر روشنی ڈالیں؟
10. حج کی اہمیت و فضیلت اور مناسک حج پر نوٹ لکھیں؟
11. آپ ﷺ کے بطور سربراہ اپنی ازدواج اور اولاد کے ساتھ حسن سلوک پر نوٹ لکھیں؟ ★
12. آپ ﷺ کے بطور سربراہ ریاست، عدل و انصاف اور خارجہ پالیسی پر نوٹ لکھیں؟
13. آپ ﷺ کے بطور سپہ سالار خصوصیات اور جنگی مشاورت پر نوٹ لکھیں؟ ★
14. قرآن و حدیث کی روشنی میں اجتماعی خیر خواہی اور احترام انسانیت پر نوٹ قلمبند کریں؟
15. تعصب، خود پسندی اور فحش گوئی میں فرق واضح کریں؟
16. اسلام میں زوجین اور اولاد کے کیا حقوق ہیں؟
17. اسلام میں نکاح، طلاق اور خلع کے احکامات بیان کریں؟ ★

18. عصر حاضر میں قانون کی حکمرانی اور اس کی پاسداری کا عہد رسالت اور خلفائے راشدین سے موازنہ کریں؟ نیز ان پر عمل پیرا ہونے کے فوائد بھی لکھیں؟
19. اسلامو فوبیا کی مختلف صورتیں اور عملی زندگی میں اس کا مقابلہ کرنے کے لئے نوجوانوں کی ذمہ داریاں تحریر کریں؟ ★

حصہ چہارم

درج ذیل آیات کو غور سے پڑھیں اور دیئے گئے سوالات کے جوابات تحریر کریں (9 نمبر)

نوٹ:

یہ حصہ انتہائی آسان ہے۔ تمام آیات کو ایک دفعہ لازمی پڑھیں اور بحیثیت مسلمان ہمارا فرض ہے قرآن کی تعلیم سے منسلک رہتے ہوئے اپنی دنیا اور آخرت بہتر بنائیں۔

درج ذیل احادیث کو غور سے پڑھیں اور دیئے گئے سوالات کے جوابات تحریر کریں (5 نمبر)

نوٹ:

یہ حصہ بھی انتہائی آسان ہے۔ ان کے لئے بھی تیار کرنے کی خاص ضرورت نہیں۔ تمام احادیث مبارکہ کو بحیثیت مسلمان لازمی پڑھیں۔ اور اپنی زندگی احکام محمدیہ ﷺ گزارتے ہوئے دنیا اور آخرت میں امر ہو جائیں۔

(★) REPRESENTS THE MOST IMPORTANT QUESTIONS.

100% PAPER GUARANTEE FROM THIS SCHEME (INSHALLAH)

FEHM-UL-QURAN CLASS 11
POSSIBLE SCHEME ACCORDING TO MODEL PAPER
ACCORDING TO NEW MIRPUR BOARD'S PATTERN
FOR FIRST AND SECOND ANNUAL 2025
(Valid for Mirpur Board)

نوٹ:

سال اول فہم القرآن کے لئے سر حمزہ کے تیار کردہ مختصر و تفصیلی سوالات کی PDF گروپ میں بھیجی جا چکی ہے۔
جو پہلے ہی بہت مفصل اور جامع بنائے گئے ہیں۔
لہذا ان نوٹس کو تیار کیا جائے۔
اس سے آپ کے تمام سوالات با آسانی حل ہو جائیں گے۔ انشاء اللہ
منتخب شدہ آیات کی PDF بھی گروپ میں بھیجی جا چکی ہے۔