Army Public Schools and Colleges System  
Syllabus for 2<sup>nd</sup> Term Exams Warm Region (2018 – 2019)  
Class IV

Subject: English Language

**English Language:**

- Learning Language Skills Textbook & Activity Book – 4:  
  Unit 5  Save Our Wildlife  
  Unit 6  Adventures On The High Seas  
  Unit 7  Health Matters  
  Unit 8  Bones That Tell Tales

**Note:**

- Revise the concepts given in Syllabus Worksheets for the 2<sup>nd</sup> Term.  
- The concepts of Grammar parts of speech and Vocabulary Topics will be the same but the content in the questions may be different from the ones done in class. Parts of Speech done in previous classes are also included.  
- Comprehension passage, topics for Essay, Letter Writing and Picture description / composition will be unseen.

Subject: English Literature

**English Literature:**

The Ant and the Grasshopper and Other Stories by Aesop’ Retold by David Foulds

Story 7:  The Boy Who Cried Wolf  
Story 8:  The Horses and the Deer: Part One  
Story 9:  The Horses and the Deer: Part Two  
Story 10:  The Ass and the Wolf  
Story 11:  The Hare and the Tortoise: Part One  
Story 12:  The Hare and the Tortoise: Part Two
Poems:

i. ‘Our visit to the Zoo’ by Jessie Pope

ii. ‘Wind on the Hill’ by A.A Milne

(Revise the poems & all the work done for both the poems.)

Note:

- Read the stories thoroughly and revise all the work done in class.
- All end of chapter exercises are included.
- Unseen questions may come in the exam paper about the stories/poems.

Content Excluded:

- Picture description and Reference to the Context

<table>
<thead>
<tr>
<th>Subject: Mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Text Book:</strong> New Syllabus Primary Mathematics Textbook – 4</td>
</tr>
<tr>
<td>New Syllabus Primary Mathematics Workbook – 4 A and 4B</td>
</tr>
<tr>
<td><strong>Chapter No.</strong></td>
</tr>
<tr>
<td>Chapter 4:</td>
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<td>Chapter 8:</td>
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<td>Chapter 10:</td>
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<td>Chapter 12:</td>
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<tr>
<td>Chapter 13:</td>
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</tbody>
</table>

**Note:**

- All the related work from the workbook, worksheets and notebooks may be included in the exam.
- Questions from practice pages in the workbook may also be included in the exams.
- A protractor will be required for the exam.

<table>
<thead>
<tr>
<th>Subject: Science</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Text Book:</strong>  SMART Science Textbook &amp; Workbook-4</td>
</tr>
<tr>
<td><strong>Chapter No.</strong></td>
</tr>
<tr>
<td>Chapter 2:</td>
</tr>
<tr>
<td><strong>Excluded:</strong></td>
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<td></td>
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</tbody>
</table>
Chapter 5: Magnets

**Excluded:** Textbook pgs 87 & 88

Workbook pgs 61 – 67, 69, 70, 73, 74.

Chapter 6: Sounds

**Excluded:** Textbook pg 101, 108 – 111, 113.

Workbook pgs 81, 82, 84, 85.

Chapter 8: More about forces


**Note:**
- All the work done in Notebooks, Workbooks and Worksheets are part of the Syllabus for Exams.

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**Subject: Social Studies**

**Text Book:** *The World Around Us Book 4 by Nicholas Horsburgh (OUP)*

**Lesson No.** | **Topic**
--- | ---
Lesson 5: | River Indus and its plains
Lesson 6: | The soil and agriculture
Lesson 7: | Water and Power
Lesson 8: | Our Past
Lesson 12: | The Government and the law

**Note:**
- Long & Short Q/Ans, MCQs, Fill in the blanks, Label the diagrams / maps, worksheets & all work pages are included in the exam paper. (The questions may be rephrased)
- The lesson meant for **Project Work** will NOT be assessed in Term Examinations.

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**Subject: Computer Studies**

**Text Book:** *e-Skills Learner Level-4*

**Chapter No.** | **Topic**
--- | ---
Module 4 | Formatting numbers (Task 3-4)
Module 5 | Collecting information (Task 1-4)
Module 6 | I give commands (Task 1-4)
Note:
- All worksheets, hands on activities & information given under the headings of 'History', 'Be-safe', 'Smart tip' and curly brackets in the textbook is included.
- Questions (to be prepared) for the subjective portion of the paper are given below.
  1. What is the purpose of page margins and orientation in MS Excel?
  2. What is a database? Give an example.
  3. What do you know about ‘table’, ‘record’ and ‘field’ in a database?
  4. Why is it important to sort your information in database?
  5. What are computer languages? Give an example of a computer language.
  6. Write some useful commands through which you can move the turtle.
  7. What is the purpose of repeat command in LOGO?

Subject: Urdu

اردو پیچھے کی کتاب (پھیلی جھاموں کے لیے)

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<td>سوزا (لٹ)</td>
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اردو پیچھے کی کتاب (پھیلی جھاموں کے لیے)

لئے کی نام

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Subject: Urdu

اردو پیچھے کی کتاب (پھیلی جھاموں کے لیے)

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</table>
Subject: Islamiyat

(Revised Edition)

کتاب: 

1. باب اول 

2. باب دوم اقصایات وعبادات 

3. باب سوم: سیرت طیب کاف (حجم ششم سوالات)

4. باب چهارم: سیرت اسلام 

بند گیری: مختلف اصناف (قلم ششم سوالات)
Subject: English Language

English Language:

- Learning Language Skills Textbook & Activity Book – 5:
  - Unit 5: Dangerous Creatures
  - Unit 6: Safe And Secure
  - Unit 7: Advertisements
  - Unit 8: Making Movies

Content Excluded:

- Active & Passive Voice
- Direct & Indirect Speech

Note:

- Revise the concepts given in Syllabus Worksheets for the 2nd Term.
- The concepts of Grammar and Vocabulary Topics will be the same but the content in the questions may be different from the ones done in class.
- Comprehension passage, topics for Essay, Letter Writing and Picture description / composition will be unseen.

Subject: English Literature

English Literature:

Treasure Island-Robert Louis Stevenson (Oxford Progressive English Readers 1)

Chapter 7: The Pirates Attack
Chapter 8: Back on the Hispaniola
Chapter 9: Israel Hands
Chapter 10: The Black Mark
Chapter 11: The Treasure Hunt
Chapter 12: The End of My Story

Poems:

(i) ‘The Bully’ by W.K Holmes
(ii) ‘Rain in Summer’ by H.W Longfellow
(Revise the poems & all the work done for both the poems.)

Summary, paraphrase, Words /meanings (seen and unseen) questions about the poems (seen and unseen).
Note:
- Read the chapters thoroughly and revise all the work done in class.
- All end of chapter exercises to be included. Summary and character sketches to be included.

Content Excluded:
- Picture description and Reference to the Context

### Subject: Mathematics

**Text Book:** New Syllabus Primary Mathematics Textbook – 5

New Syllabus Primary Mathematics Workbook – 5A and 5B

<table>
<thead>
<tr>
<th>Chapter No.</th>
<th>Topic</th>
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<td>Chapter 4:</td>
<td>Ratio</td>
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<tr>
<td>Chapter 5:</td>
<td>Decimals (Word Problems excluded)</td>
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<tr>
<td>Chapter 6:</td>
<td>Percentage</td>
</tr>
<tr>
<td>Chapter 10:</td>
<td>Triangles</td>
</tr>
<tr>
<td>Chapter 11:</td>
<td>Area of a Triangle</td>
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</table>

**Note:**
- All the related work from the workbook, worksheets and notebooks may be included in the exam.
- Questions from Practice pages in the workbook may also be included in the exams.
- A protractor will be required for the exam.

### Subject: Science

**Text Book:** SMART Science Skills Textbook – 5

SMART Science Skills Workbook - 5

<table>
<thead>
<tr>
<th>Chapter No.</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 2:</td>
<td>Body Systems</td>
</tr>
</tbody>
</table>
|             | **Excluded:** Textbook pgs 26, 27, 29, 30, 42, 45, 47.  
|             | Workbook pgs 31 – 33, 35 – 37. |
| Chapter 5:  | Electricity             |
|             | **Excluded:** Textbook pgs 91 (Series Circuit) – 95 (Discover More), 101.  
|             | Workbook pgs 75, 77 – 87, 91 – 94. |
Chapter 4: Reversible and Irreversible changes

Chapter 6: Light and Shadows

Note:
- All the work done in Notebooks, Workbooks and Worksheets are part of the Syllabus for Exams.

Subject: Social Studies

Text Book: The World Around Us Book 4 by Nicholas Horsburgh (OUP)

Lesson No. Topic
Lesson 3: Life in Deserts, Forests and Polar regions
Lesson 6: Agriculture and Irrigation in Pakistan
Lesson 7: Minerals, Power and Industries
Lesson 10: The Struggle for Independence
Lesson 11: Pakistan after Independence

Note:
- Long & Short Q/Ans, MCQs, Fill in the blanks, Label the diagrams / maps, worksheets & all work pages are included in the exam paper. (The questions may be rephrased).
- The lesson meant for Project Work will NOT be assessed in Term Examinations.

Subject: Computer Studies

Text Book: e-Skills Learner Level-5

Chapter No. Topic
Module 3: Designing a document (Task 3-4)
Module 4: Building a website (Task 1-4)
Module 5: Analyzing data (Task 1-4)
Note: To be included:-
- All task specific worksheets
- Hands on activities in the textbook.
- Information given under the headings of 'History', 'Smart tip' and 'Be Safe' in the textbook.
- Information given in curly brackets in the textbook.
- Questions (to be prepared) for the subjective portion of the paper are given below.

1. Write some characters with the symbols that will appear when you type them in MS Word.
2. What are hyperlinks? What is the use of a hyperlink?
3. What does HTML stand for?
4. How can you make your text more interesting on a web page?
5. What are different ways of inserting your albums on a web page?
6. What is a widget?
7. Write the four basic calculations and their symbols in MS Excel.
8. What sequence we should follow while doing calculations?
9. Explain how Autofill works.
10. What type of data can be shown through line and pie charts?
11. Write the purpose of the following functions. COUNT, TODAY, NOW, LEN.

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**Subject: Urdu**

(With APSACS Logo)

کتاب: سری فارماز (فلم: مصافحت کے لئے)

(اردو-پی (اف))

سری فارماز کے نموداریاں ابتدائی مضمون کام (الفاظ معنی) متعلقہ مواد کا ڈھین (کام کا مضمون، والد کا گروپ کی کتاب) اور (اف) کے پچھون کے نکال کے

(اف) کا مویشہ کی نمایاں (اف) کا مویشہ کی نمایاں (اف) کا مویشہ کی نمایاں (اف)

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<th>3 نومبر 2018</th>
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<tr>
<td>6 ہمبر کا (اف)</td>
<td>8 ہمبر کا (اف)</td>
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</table>

کتاب: اردو ایکوپ (اد) سری فارماز 5

(اردو-پی (اف))

(اردو-پی (اف))

(اردو-پی (اف))

(اردو-پی (اف))
Subject: Islamiyat

(Revised Edition)

کتاب: اسلامیات اور تعلیم معاشرت کے لئے

پاپ اول: خبرات مہدیہ

1. دنیا کے بندگی اور تعلقات (زیادہ)

پاپ دوم: امامت و عبادات

2. مہدیہ کی دنیوں کے بندگی اور معاشرت (سورة مғرددی) دورہ شیخ نصر

3. مہدیہ کی دنیوں کے بندگی اور معاشرت (سورة مғرددی) دورہ شیخ نصر

4. مہدیہ کی دنیوں کے بندگی اور معاشرت (سورة مғرددی) دورہ شیخ نصر

5. مہدیہ: فلسفہ اسلام

پاپ تے: سیرت طيب

5. مہدیہ: طبیعیات

بکريق میں (محمد حسین عثمانی)

مرحومون (محمد حسین عثمانی) دورہ شیخ نصر

مکہ میں (محمد حسین عثمانی) دورہ شیخ نصر

بما جواد: احساس و آداب

آواز خاندان (мечаال میری) دورہ شیخ نصر

بما بہبی: خواجہ اسلام

پاپ چہرے: عواجیش عذالی (مارفی میری) دورہ شیخ نصر
Subject: English Language

English Language:-

- Move Ahead-1, Activity Book 1 and Worksheets
  - Unit 7: Brochures
  - Unit 8: Fantasy stories
  - Unit 9: Advertisements
  - Unit 10: Film study
  - Unit 11: Action stories
  - Unit 12: News reports

Note:

- The concepts of Grammar and Vocabulary Topics will be the same but questions may be rephrased and different from the ones done in class.
- Comprehension passage, topics for Essay and Letter Writing will be unseen.

Subject: English Literature

English Literature:-

The Prince and the Pauper (Mark Twain)
(Oxford Progressive English Readers 2)

Chapter 7   The Work of a King
Chapter 8   A King on the Run
Chapter 9   Hendon saves Edward
Chapter 10  Sir Hugh’s Wicked Plan
Chapter 11  The Impostor and the King
Chapter 12  A Wise King

Poems

i. ‘My Shadow’ by Robert Louis Stevenson
ii. ‘The Village Blacksmith’ by Henry Wadsworth Longfellow

(Revise the poems & all the work done for both the poems.)

Note:

- Read the chapters thoroughly and revise all the work done in class. However the questions done in notebooks may be rephrased.
**Subject: Mathematics**

<table>
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<tbody>
<tr>
<td><strong>Chapter No.</strong></td>
<td><strong>Topic</strong></td>
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</tbody>
</table>
| Chapter 5  | Linear Equations and Simple Inequalities  
Ex 5A, Ex 5B, Ex 5C, Ex 5D |
| Chapter 8  | Percentage Ex 8A, Ex 8B           |
| Chapter 10 | Basic Geometry Ex 10A, Ex10B      |
| Chapter 11 | Triangles, Quadrilaterals & Polygons Ex 11A, Ex 11B, Ex 11C |

**Note:**
- All the related work from worksheets and notebooks may be included in the exam.
- Work done from the Review Exercises may also be included.

**Subject: Science**

<table>
<thead>
<tr>
<th>Text Book:</th>
<th>Science Fact file 1 by David Coppock</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit No.</strong></td>
<td><strong>Topic</strong></td>
</tr>
</tbody>
</table>
| Unit 3  | Energy Resources  
**Content Excluded:**
‘Measuring the amount of energy stored in food’ Textbook pgs 44, 45, Q9 on Workbook pg 20, 21 and Worksheet 3-3 on Teaching Guide pg 37, 38 are excluded and NOT part of syllabus for exams. |
| Unit 5  | Plants and Photosynthesis  
**Content Excluded:**
Ideas for Investigation Q1, 2 on Textbook pgs 78, 79 are **NOT part of syllabus for exams.** |
| Unit 7  | Forces and their Effects        |
| Unit 8  | Food and Digestion  
**Content Excluded:**
‘What affects enzymes?’ on Textbook pgs 110 -113, ‘Test yourself’ Qs 1-6 on textbook pg 113, Ideas for Investigation Qs1, 2 on textbook pgs 116, Qs 8, 9 on Workbook pgs 52, 53 and Worksheet 8-5 from Teaching Guide are omitted and **NOT part of syllabus for exams.** |
Unit 11  The Environment

Content Excluded:
“Investigating food webs’ on Textbook pg 154, 155 and ‘Test yourself’ on Textbook pg 155 are excluded and NOT part of the syllabus for exams.

Unit 12  Solutions

Note:
• All the work done in Notebooks, Workbooks and Worksheets is part of the Syllabus for Exams.

<table>
<thead>
<tr>
<th>Subject: Geography</th>
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</thead>
<tbody>
<tr>
<td><strong>Text Book:</strong> International Geography for Class 6 Text Book by Jeanne Liew – Paramount</td>
</tr>
<tr>
<td><strong>Chapter No.</strong></td>
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<tr>
<td>Chapter 5:</td>
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<td>Chapter 6:</td>
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<td>Chapter 7:</td>
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<td>Chapter 8:</td>
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<td>Chapter 9:</td>
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</tbody>
</table>

**Note:**
• All long/short questions done in notebook according to the syllabus guidelines (Questions may be rephrased), Worksheets, MCQs, Fill in the blanks, True & False statements, match the columns will be annotated in any form. Map study, 'Interesting Facts' and diagrams made in notebooks are also included in the exam paper.

<table>
<thead>
<tr>
<th>Subject: Computer Studies</th>
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<tbody>
<tr>
<td><strong>Text Book:</strong> eSkills Learner Level 6</td>
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<tr>
<td><strong>Chapter No.</strong></td>
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<tr>
<td>Module 3:</td>
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<td>Module 5:</td>
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</tbody>
</table>
Note:
To be included:-
- All task specific worksheets and evaluation sheets.
- Hands on activities from textbooks.
- Information given under the headings of 'History', 'Smart Tip' & 'Be Safe' in the textbook.
- Questions (to be prepared) for the subjective portion of the paper are given below.
  1. Explain what a typical web address (for example http://www.bing.com) indicates.
  2. Explain what the following image search options do. Color, Size, Type, Layout, People.
  3. What does an email address represent? (for example marco@binary-kids.com)
  4. How do the following features help you in organizing your emails? Contact or address book, Flag, Watch, Calendar.
  5. Write the rules for creating a strong password.
  6. Write down the functions of Normal View, Slide Sorter View and Notes Page view in MS Power Point.
  7. What is the difference between animations & transitions?
  8. What are different ways of inserting audio and video in a presentation?
  9. Smart Art is used for specific purposes. Give any two examples.
 10. Why is it important to know your audience before presentations?
 11. What is the purpose of using transitions and Animations in MS Power Point?

Subject: History
Text Book: Oxford Understanding History for Class 6, Ismat Riaz

<table>
<thead>
<tr>
<th>Chapter No.</th>
<th>Topic</th>
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<tbody>
<tr>
<td>Chapter 9:</td>
<td>The Ancient Greek Civilizations and Learning (Subjective + Objective)</td>
</tr>
<tr>
<td>*Chapter 10:</td>
<td>Rome: From Republic to Empire (Objective)</td>
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<tr>
<td></td>
<td>*Revise / Prepare only Worksheets No. 2&amp;3: The Legacy of Romans</td>
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<tr>
<td>Chapter 11:</td>
<td>The Dawn of Islam (Subjective + Objective)</td>
</tr>
<tr>
<td>Chapter 12:</td>
<td>Turkish Muslims conquer Northern India (Subjective + Objective)</td>
</tr>
<tr>
<td>Chapter 13:</td>
<td>Afghans and the Sultanate of Delhi (Subjective + Objective)</td>
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<tr>
<td>*Chapter 15:</td>
<td>Social and Cultural Development (Objective)</td>
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<td>*Revise / Prepare only Worksheet No. 9</td>
</tr>
</tbody>
</table>
Note:
- All questions /answers, objective work, timelines, maps, pictures, info boxes, and worksheets are included in the exam paper. MCQs; Fill in the blanks; True/False; match the columns; puzzles, web-diagrams & graphic organizers are also included in the exam paper. (will be annotated in any form)

Subject: Urdu

(With APSACS Logo)

کتاب: مزید ہمارے - ا (فلم ہیئت کے لئے) (آلف)

صرخہ خانے کے متعلق ذیل ایسے پیش کیے جانےگے (افغانستانی، مشق ہو) میں، کردار کا کارکردگی ادا کرنے کی کوشش کی جانے جانے کا ذکر ہے۔ ایسے (افغانستانی) کے چیپ میں آگے ہے۔

(اسٹیل) کیا کافی مطالعہ کیا گیا؟ اور ہمیشہ اور؟ موسوعہ کے مطالعے سے سمجھی گئی تھی?

<table>
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<th>انگریزی</th>
<th>ہندی</th>
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<tbody>
<tr>
<td>3-آئی</td>
<td>5-کامائی (فلم)</td>
<td>6-عوام</td>
<td>7-الب</td>
<td>8-کامائی (فلم)</td>
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</table>

بعد سے کام کا چیپ

Subject: Islamiyat

(Revised Edition)

کتاب: اسلامیات چھوٹی داستانہ کے لئے

پاپ اول: قومی مخصوص

خیال کریں: سورۃ الحجج آیت 32 اور سورة الحشر آیت 59 کے ترتیب

پاپ دوم: افکان وعودات

1(ماوراسیہ (مہروش و موسوعی))

پاپ سوم: کردار تصدیق

صفحہ 18 (مہروش و موسوعی) ترجمہ: سورۃ الحجج

پاپ چھتم: اختیار آدام

للہ ولہ کے لئے اباعبادیہ (صرف شقی مروشی)

پاپ پنجم: مشاہدہ اسلام

روح کی روشنی (مہروش و موسوعی)

(ii)
Subject: English Language

English Language:-

- Textbook: Move Ahead – 2, Activity Book: 2 & Worksheets
  - Unit 7 Journals
  - Unit 8 Newspapers
  - Unit 9 Poetry
  - Unit 10 Suspense stories
  - Unit 11 Documentaries
  - Unit 12 Persuasive magazine articles

Note:

- The concepts of Grammar and Vocabulary Topics will be the same but questions may be rephrased and different from the ones done in class.
- Comprehension passage, topics for Essay and Letter Writing will be unseen.

Subject: English Literature

English Literature:-

Great Expectations by Charles Dickens Oxford Progressive English Readers-3

Chapter 7 A Very Unexpected Visitor
Chapter 8 Provis Tells His Story
Chapter 9 Provis Goes into Hiding
Chapter 10 On the River
Chapter 11 The Best of Friends

Poems:

(i) ‘March’ by William Wordsworth
(ii) ‘Silver’ by Walter de la Mare
(Revise the poems & all the work done for both the poems.)
Note:

- Read the chapters thoroughly and revise all the work done in class. However the questions done in notebooks may be rephrased.
- All end of chapter exercises to be included. Summary and character sketches to be included.

Content Excluded:

- Picture description and Reference to the Context

<table>
<thead>
<tr>
<th>Chapter No.</th>
<th>Topic</th>
<th>Exercises</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 1</td>
<td>Direct and Inverse Proportions</td>
<td>Ex 1A, Ex 1B, Ex 1C, Ex 1D</td>
</tr>
<tr>
<td>Chapter 2</td>
<td>Linear Graphs and Simultaneous Linear Equations</td>
<td>Ex 2A, Ex 2B, Ex 2C, Ex 2D, Ex 2E, Ex 2F</td>
</tr>
<tr>
<td>Chapter 3</td>
<td>Expansion and Factorisation of Quadratic Expressions</td>
<td>Ex 3A, Ex 3B</td>
</tr>
<tr>
<td>Chapter 8</td>
<td>Congruence &amp; Similarity</td>
<td>Ex 8A, Ex 8B</td>
</tr>
</tbody>
</table>

Subject: Mathematics


Note:

- All the related work from worksheets and notebooks may be included in the exam.
- Work done from the Review Exercises may also be included.
### Subject: Science

**Text Book:** Science Fact file 2 David Coppock

<table>
<thead>
<tr>
<th>Unit No.</th>
<th>Topic</th>
<th>Content Excluded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit 2:</td>
<td>PLANTS AND THEIR SYSTEMS</td>
<td>‘Transpiration’ on textbook pg 23-25, ‘Test yourself’ Questions on textbook pgs 24 &amp; 25, ‘Did you know’ on textbook pg 25, Exercise Qs 5, 6 on textbook pg 30, Ideas for investigation on Textbook pg 31, Q1 (iv, v), 2 (iv) &amp; 8 on workbook pgs 12 &amp; 17 and Worksheet 2-4 from Teaching Guide are excluded and <strong>NOT part of the syllabus</strong> for exam.</td>
</tr>
<tr>
<td>Unit 5:</td>
<td>FIT AND HEALTHY</td>
<td></td>
</tr>
<tr>
<td>Unit 6:</td>
<td>SIMPLE CHEMICAL REACTIONS</td>
<td>‘Some early experiment on air’ on textbook pg 79, ‘Test yourself’ Questions and ‘Did you know?’ on textbook pg 79 and ‘Ideas for investigation 2’ on textbook pg 83 are excluded and <strong>NOT part of the syllabus for exams.</strong></td>
</tr>
<tr>
<td>Unit 7:</td>
<td>SOUND AND HEARING</td>
<td></td>
</tr>
<tr>
<td>Unit 10.</td>
<td>LIGHT</td>
<td></td>
</tr>
<tr>
<td>Unit 11:</td>
<td>TRANSPORT IN HUMANS</td>
<td></td>
</tr>
</tbody>
</table>

**Note:**
- All the work done in Notebooks, Workbooks and Worksheets are part of the Syllabus for Exams.

### Subject: Geography

**Text Book:** International Geography for Class 7 Text Book by Jeanne Liew – Paramount

<table>
<thead>
<tr>
<th>Chapter No.</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 5:</td>
<td>Mineral and Energy Resources</td>
</tr>
<tr>
<td>Chapter 6:</td>
<td>People and Resources</td>
</tr>
<tr>
<td>Chapter 7:</td>
<td>Settlements</td>
</tr>
<tr>
<td>Chapter 8:</td>
<td>Pollution</td>
</tr>
<tr>
<td>Chapter 9:</td>
<td>Transport and Communications (Objective work only)</td>
</tr>
</tbody>
</table>

**Note:**
Subject: Computer Studies

Text Book: eSkills Learner Level 7

<table>
<thead>
<tr>
<th>Chapter No.</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 3:</td>
<td>Programming the Computer (Task 1)</td>
</tr>
<tr>
<td>Module 4:</td>
<td>Communicating online (Task 1-5)</td>
</tr>
<tr>
<td>Module 5:</td>
<td>Analyzing data (Task 1, 4, 5)</td>
</tr>
</tbody>
</table>

Note:
To be included:-

- All task specific worksheets and evaluation sheets.
- Hands on activities from textbook
- Information given under the headings of 'History', 'Smart Tip' & 'Be Safe' in the textbook.
- Questions (to be prepared) for the subjective portion of the paper are given below.
  1. Define Algorithm & flowchart.
  2. How does the Internet work?
  3. What are different rules that every blogger should follow?
  4. Write down the basic dialogue rules when you are using social media.
  5. Write a note on skype.
  6. Differentiate between Freeware and Shareware.
  7. Write the calculation order.
  8. Write the basic calculations and their symbols in MS Excel.
  9. Write down the purpose of using Column / Bar and Pie chart in MS Excel.
 10. What do you know about CSV file?


Subject: History
Text Book: Oxford Understanding History for Class 7, Ismat Riaz

Chapter No.  | Topic
---|---
Chapter 8: | Aurangzeb, 1658-1707 *(Subjective + Objective)*
Chapter 9: | The Decline of the Mughal Empire *(Subjective + Objective)*
Chapter 11: | Muslim Revival in the 18th and 19th Centuries *(Subjective + Objective)*

*Chapter 12: The Industrial Revolution *(Objective)*

*Revise / Prepare only Worksheets No. 7&8: *(The Industrial Revolution)*

Chapter 13: | A New Power Emerges-Europeans in South Asia *(Objective work only)*

*Revise / Prepare only Worksheets No. 9&10: *(A New Power Emerges – Europeans in South Asia)*

Note:
- All questions /answers, objective work, timelines, maps, pictures, info boxes and worksheets are included in the exam paper. MCQs; Fill in the blanks; True/False; match the columns; puzzles, web-diagrams & graphic organizers are also included in the exam paper. (will be annotated in any form)

Subject: Urdu

(With APSACS Logo)

کتاب: مورخہ - 2 (علم عمومی کے لئے)

اے کی چوٹی پر دیدہ شدہ سوالات کے جواب (افک) کے پیچھے آتے

(اسلام کا اندازہ کیا جا سکتا ہے کہ مخصوص سوالات میں سے مبنی سوالات اس کے مطابق ہیں)

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
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</thead>
<tbody>
<tr>
<td>3</td>
<td>4</td>
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<tr>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
</tr>
</tbody>
</table>
**Subject: Islamiyat**

*(Revised Edition)*

**کتاب اسلامیات غالبہ میں تعلیم کے لیے (2)*

1. **باب اول: مشرکان محیٰدِ جہد**

2. **باب دوم: انسانیہت و عبادات**

3. **باب سوم: سیرت طیب سرائیکی**

4. **باب چہم: احیاء و آداب**

5. **باب پنجم: ماہی عَدّت کے سرائیکی**
**English Language:**

- Textbook: Move Ahead – 2, Activity Book: 2 & Worksheets
  - Unit 7: Journals
  - Unit 8: Newspapers
  - Unit 9: Poetry
  - Unit 10: Suspense stories
  - Unit 11: Documentaires
  - Unit 12: Persuasive magazine articles

**Note:**

- The concepts of Grammar and Vocabulary Topics will be the same but questions may be rephrased.
- Comprehension passage, topics for Essay and Letter Writing will be unseen.

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**Subject: English Literature**

**White Fang (Oxford Progressive English Readers-3)**

<table>
<thead>
<tr>
<th>Part</th>
<th>Chapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>III</td>
<td>The Covenant</td>
</tr>
<tr>
<td></td>
<td>The Famine</td>
</tr>
<tr>
<td>IV</td>
<td>The Enemy of His Kind</td>
</tr>
<tr>
<td></td>
<td>The Mad God</td>
</tr>
<tr>
<td></td>
<td>The Reign of Hate</td>
</tr>
<tr>
<td></td>
<td>The Clinging Death</td>
</tr>
<tr>
<td></td>
<td>The Indomitable</td>
</tr>
<tr>
<td></td>
<td>The Love-master</td>
</tr>
<tr>
<td>V</td>
<td>The Long Trail</td>
</tr>
<tr>
<td></td>
<td>The Southland</td>
</tr>
<tr>
<td></td>
<td>The God’s Domain</td>
</tr>
<tr>
<td></td>
<td>The Call of Kind</td>
</tr>
<tr>
<td></td>
<td>The Sleeping Wolf</td>
</tr>
</tbody>
</table>

**Poems**

- Day by Sir Cecil Spring-Rice
- The Echo by C.F. Payne
- Stopping by Woods on a Snowy Evening by Robert Frost
  (Revise the poems & all the work done for all three poems.)
Note:

- Read the chapters thoroughly and revise all the work done in class. However the questions done in notebooks may be rephrased.
- Summary, character sketches to be included.

Content Excluded:

- Picture description and Reference to the Context

Subject: Mathematics


<table>
<thead>
<tr>
<th>Chapter No.</th>
<th>Topic</th>
<th>Ex</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 1</td>
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<td>1C, 1D</td>
</tr>
<tr>
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<td>2A, 2B, 2C, 2D, 2E, 2F</td>
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<td>3A, 3B</td>
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<tr>
<td>Chapter 8</td>
<td>Congruence &amp; Similarity</td>
<td>8A, 8B, 8C</td>
</tr>
<tr>
<td>Chapter 14</td>
<td>Sets</td>
<td>14A, 14B</td>
</tr>
</tbody>
</table>

Note:

- All the related work from worksheets and notebooks may be included in the exam.
- Work done from the Review Exercises may also be included.

Subject: Science

Text Book: Science Fact file 2 David Coppock

<table>
<thead>
<tr>
<th>Unit No.</th>
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<td>Unit 5:</td>
<td>FIT AND HEALTHY</td>
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<td>Unit 6:</td>
<td>SIMPLE CHEMICAL REACTIONS</td>
</tr>
</tbody>
</table>

Content Excluded:

‘Ideas for investigation 2’ on textbook pg 83 is omitted and NOT part of the syllabus for exam.
### Subject: Geography

**Text Book:** International Geography for Class 7 Text Book by Jeanne Liew – Paramount

<table>
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<td>Chapter 8:</td>
<td>Pollution</td>
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<tr>
<td>Chapter 9:</td>
<td>Transport and Communications (Objective work only)</td>
</tr>
</tbody>
</table>

**Note:**
- All long/short questions done in notebook according to the syllabus guidelines (Questions may be rephrased), Worksheets, MCQs, Fill in the blanks, True & False statements, match the columns will be annotated in any form. Map study, 'Interesting Facts' and diagrams made in note books are also included in the exam paper.

### Subject: Computer Studies

**Text Book:** eSkills Learner Level 7

<table>
<thead>
<tr>
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<tr>
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Note:
To be included:-
- All task specific worksheets and evaluation sheets.
- Hands on activities from textbook
- Information given under the headings of 'History', 'Smart Tip' & 'Be Safe' in the textbook.
- Questions (to be prepared) for the subjective portion of the paper are given below.
  1. Define Algorithm & flowchart.
  2. How does the Internet work?
  3. What are different rules that every blogger should follow?
  4. Write down the basic dialogue rules when you are using social media.
  5. Write a note on skype.
  6. Differentiate between Freeware and Shareware.
  7. Write the calculation order.
  8. Write the basic calculations and their symbols in MS Excel.
  9. Write down the purpose of using Column / Bar and Pie chart in MS Excel.
  10. What do you know about CSV file?

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<tr>
<td>Text Book:</td>
</tr>
<tr>
<td>Chapter No.</td>
</tr>
<tr>
<td>Chapter 8:</td>
</tr>
<tr>
<td>Chapter 9:</td>
</tr>
<tr>
<td>Chapter 11:</td>
</tr>
<tr>
<td>*Chapter 12:</td>
</tr>
<tr>
<td>*Revise / Prepare only Worksheets No. 7&amp;8: (The Industrial Revolution)</td>
</tr>
<tr>
<td>Chapter 13:</td>
</tr>
<tr>
<td>*Revise / Prepare only Worksheets No. 9&amp;10: (A New Power Emerges – Europeans in South Asia)</td>
</tr>
</tbody>
</table>

Note:
- All questions /answers, objective work, timelines, maps, pictures, info boxes and worksheets are included in the exam paper. MCQs; Fill in the blanks; True/False; match the columns; puzzles, web-diagrams & graphic organizers are also included in the exam paper. (will be annotated in any form)
Subject: Urdu

کتاب: مریخغرد - ۲ (افسانہ جامعہ کے لئے) (With APSACS Logo)

صدیک (اف) صدری خان کے مندر دژہ کی باقیلی مشتمل کام (افسانہ جامعہ کے لئے) اورAPSACS کا شہری بیوت (اف) کے کہا پیش میں آئے

(اف) صدری خان کو بطور ملاصدرا بنا کر یہیہ کمیشن ذو موجب گزار جاۃ گر میں اساتذہ سے ہم کے کچھ تعلق کی

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Topic</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>#4</td>
<td>Memorization &amp; Translation of Prayers from Qur'an</td>
<td>#12</td>
</tr>
<tr>
<td>#7</td>
<td>Importance of Du’a</td>
<td>#17 &amp; 18</td>
</tr>
<tr>
<td>#8</td>
<td>Zakat – A Pillar of Islam</td>
<td>#19 &amp; 20</td>
</tr>
<tr>
<td>#9</td>
<td>Life of the Holy Prophet (PBUH)</td>
<td>#22 – 24</td>
</tr>
</tbody>
</table>

Subject: Islamiyat

Text Book: Islamiyat Book VII (Revised Edition) by Farkhanda Noor Muhammad (Ferozsons (PVT.) LTD.)

Chapter No. | Topic |
-------------|-------|
Chapter # 4: | Memorization & Translation of Prayers from Qur’an Surah Al-Baqarah (Ayat 286) (Page #12) |
Chapter # 7: | Importance of Du’a (Page # 17&18) |
Chapter # 8: | Zakat – A Pillar of Islam (Page # 19 & 20) |
Chapter # 9: | Life of the Holy Prophet (PBUH) (Page # 22 – 24) |
- Tabuk Expedition
- Farewell Pilgrimage
- Illness & Death

Chapter #10: Dignity of Work in Islam (Page # 26)
Chapter # 11: Important Personalities (Page # 30 & 31)
  - Sultan Salahuddin Ayyubi
  - Ibn Khaldun

Note:
Read all the chapters thoroughly. All subjective & objective work from the mentioned chapters will be included in exams.
Subject: English Language

English Language:-

- Textbook: Move Ahead – 3, Activity Book 3 & Worksheets
  - Unit 7: Reviews
  - Unit 8: Interviews and transcripts
  - Unit 9: Patriotic lyrics and inspirational poetry
  - Unit 10: Arguments
  - Unit 11: Persuasive brochures
  - Unit 12: Film study

Note:

- The concepts of Grammar and Vocabulary Topics will be the same but questions may be rephrased and different from the ones done in class.
- Comprehension passage, topics for Essay and Letter Writing will be unseen.
- Ensure that the following concepts are included in 2nd Term Exam:-
  - Participle, Infinitives and Gerunds (Unit 2), Subject Verb Agreement (Unit 4), Subject and Predicate (Unit 6)

Subject: English Literature

English Literature:-

‘Kidnapped’ by Robert Louis Stevenson Oxford Progressive English Reader – 4

Chapter 6: I Find Alan Again
Chapter 7: Cluny’s Cage
Chapter 8: The Journey to the Lowlands
Chapter 9: Alan’s Plan
Chapter 10: Return to the House of Shaws

Poetry

i. Somebody’s Mother (Mary Dow Brine)
ii. Questions (unknown)
(Revise the poems & all the work done for both the poems.)
Note:
- Read the chapters thoroughly and revise all the work done in class. However the questions done in notebooks may be rephrased.
- All end of chapter exercises to be included. Summary, character sketches to be included.

Content Excluded:
- Picture description and Reference to the Context

<table>
<thead>
<tr>
<th>Subject: Mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Text Book: Mathematics – 9 (Science Group), Caravan Book House</td>
</tr>
<tr>
<td>Lahore</td>
</tr>
<tr>
<td>Unit No.</td>
</tr>
<tr>
<td>Unit# 4:</td>
</tr>
<tr>
<td>Unit# 5:</td>
</tr>
<tr>
<td>Unit # 7:</td>
</tr>
<tr>
<td>Unit # 8:</td>
</tr>
</tbody>
</table>

Note:
- All work done in notebooks and worksheets will be included in the exams. FBISE Board pattern will be followed for Exam Papers.
- **Syllabus for 1st Term Exam will also be included in the paper.**

<table>
<thead>
<tr>
<th>Subject: Physics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Text Book: From Physics 9 by Caravan Book House, Lahore</td>
</tr>
<tr>
<td>Unit No.</td>
</tr>
<tr>
<td>Unit 3:</td>
</tr>
<tr>
<td>Unit 4:</td>
</tr>
</tbody>
</table>

Note:
- All work done in notebooks, and MCQs as well as end of unit questions and problems are included in the Syllabus for Exams. FBISE Board pattern will be followed for Exam Papers.
- **Syllabus for 1st Term Exam will also be included this paper.**
Subject: Chemistry

Text Book: Text Book of Chemistry Grade 9, National Book Foundation as Federal Textbook Board, Islamabad

<table>
<thead>
<tr>
<th>Chapter No.</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 3</td>
<td>Periodic table and Periodicity of properties</td>
</tr>
<tr>
<td>Chapter 4</td>
<td>Structure of molecules</td>
</tr>
</tbody>
</table>

Note:
- All written/oral work done in class along with exercise questions (and worksheets) in the Syllabus is included for Exams. FBISE Board pattern will be followed for Exam Papers.
- **The Syllabus taught in 1st term will also be included in 2nd term examination.**

Subject: Biology

Text Book: Text Book of Biology for 9th Class PLD Publishers, Lahore

<table>
<thead>
<tr>
<th>Chapter No.</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 4</td>
<td>Cells and Tissues</td>
</tr>
<tr>
<td>Chapter 5</td>
<td>Cell Cycle</td>
</tr>
</tbody>
</table>

Note:
- All work done in notebooks, exercise questions and extra information given in textbook is included for Exams. FBISE Board pattern will be followed for Exam Papers.
- **Syllabus taught in 1st term will also be included in 2nd term examination.**

Subject: Computer

Textbook: Textbook of Computer Science Grade - 9, National Book Foundation as Federal Textbook Board, Islamabad

<table>
<thead>
<tr>
<th>Chapter No.</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 1:</td>
<td>Fundamentals of computer</td>
</tr>
<tr>
<td>Chapter 2:</td>
<td>Fundamentals of Operating System</td>
</tr>
<tr>
<td>Chapter 4</td>
<td>Data Communication</td>
</tr>
<tr>
<td>Chapter 5</td>
<td>Computer Networks</td>
</tr>
</tbody>
</table>

Note:
- All work done in notebooks and exercises at the end of chapters will be included in exams. FBISE Board pattern will be followed for Exam Papers.
Subject: History
Textbook: Oxford Understanding History for Class 8, Ismat Riaz

Chapter No. | Topic |
------------|-------|
Chapter 7   | Communal and Political Awakening 1920-1930 (Objective) |
Chapter 8   | Agreements, Disagreement and Deadlock 1930 – 1939 (Detailed) |
Chapter 9   | The World at War 1939 – 1945 (Detailed) |
Chapter 10  | Power Shifts - The World after World War II (Detailed) |
Chapter 11  | Towards Partition and Pakistan: 1940-47 (Detailed) |

Note:
- All questions /answers, objective work, timelines, maps, pictures, info boxes and worksheets are included in the exam paper. MCQs; Fill in the blanks; True/False; match the columns; puzzles, web-diagrams & graphic organizers are also included in the exam paper. (All the content will be annotated in any form)

Subject: Urdu
(With APSACS Logo)

کتاب: مشریعے – 3 (اہم جماعت کے لئے) اوردوچیپ (القو)

کتاب: بندو قوم آفاض کے بعد (ب) اوردوچیپ (القو)

Note:
- All questions /answers, objective work, timelines, maps, pictures, info boxes and worksheets are included in the exam paper. MCQs; Fill in the blanks; True/False; match the columns; puzzles, web-diagrams & graphic organizers are also included in the exam paper. (All the content will be annotated in any form)
Subject: Islamiyat

1. Filsafat (تاریخ) 
   (i) امام (آیات آیه ۳۸) 
   (ii) تاریخ مبادرت (آیه ۱۰۱)

2. مورخین تاریخ
   (i) قرآن کی (افرق، از فصول) 
   (ii) الحاقیا دراسے کے سوالوں کی محتویات

لے: معلوم ہے کہ اسلامیات کی تاریخ کے موضوع کے مطلقہ بناپاں گیا کل فرد کی سیر کی کتاب ہیں کیا ہے گیا۔

Subject: Ethics

1. اخلاقیات (۱۰-۹) 
   معاشرت کے پاس گیا کب ہر فرد ہوئے 
   (i) عادت و قرار 
   (ii) برکتتی خرابت 

2. پیشگی پاکیزہ 
   (i) قانون نامہ ای گی 

لے: مسلمان معاشرت کے پاس ہی ہے گیا کہ اخلاقیات کے موضوع کے مطلقہ بناپاں گیا کل فرد کی سیر کی کتاب ہیں کیا ہے گیا۔

نتیجہ: سوالوں سے مخصوص موضوعی جوابات سے تمام شاہد کی بنا پر کہ کب ہی ہے گیا کہ موضوع کے مطلقہ بناپاں گیا کل فرد کی سیر کی کتاب ہیں کیا ہے گیا۔