

**PAKISTAN INTERNATIONAL SCHOOL, BURAIDAH**  
**SYLLABUS BREAKUP**

**Class: 8\*Th Fed      Subject: Computer Science**

Number of Teaching Weeks in First Term: (1 - 17)

Number of Teaching Weeks in Second Term: (18 - 34)

Name of Text Book: NBF

<b>Week No.</b>	<b>Chapter No.</b>	<b>Day</b>	<b>Topic</b>	<b>Book Page Numbers</b>
<b>1</b>	<b>1</b>	<b>Day 1</b>	<b>Fundamentals of Computer</b>	<b>8</b>
		<b>Day 2</b>	<b>Fundamentals of Computer</b>	<b>9</b>
		<b>Day 3</b>	<b>Fundamentals of Computer</b>	<b>9</b>
		<b>Day 4</b>	<b>Fundamentals of Computer</b>	<b>9</b>
<b>2</b>	<b>1</b>	Day 1	Evolution of Computer	11
		Day 2	Evolution of Computer	11
		Day 3	Evolution of Computer	11
		Day 4	Evolution of Computer	14
<b>3</b>	<b>1</b>	<b>Day 1</b>	<b>History and Generations of Computers</b>	<b>14</b>
		<b>Day 2</b>	<b>History and Generations of Computers</b>	<b>15</b>
		<b>Day 3</b>	<b>History and Generations of Computers</b>	<b>15</b>
		<b>Day 4</b>	<b>History and Generations of Computers</b>	<b>16</b>
<b>4</b>	<b>1</b>	Day 1	Role of Computers	17
		Day 2	Uses of Computers in Various Fields	17
		Day 3	Uses of Computers in Various Fields	18
		Day 4	Careers in Information Technology	18
<b>5</b>	<b>1</b>	<b>Day 1</b>	<b>Careers in Information Technology</b>	<b>19</b>
		<b>Day 2</b>	<b>Careers in Information Technology</b>	<b>19</b>
		<b>Day 3</b>	<b>Computer Hardware</b>	<b>20</b>
		<b>Day 4</b>	<b>Revision of Topics</b>	<b>N/A</b>

Week No.	Chapter No.	Day	Topic	Book Page Numbers
6	1	Day 1	Hardware Components of Computer	22,23
		Day 2	Hardware Components of Computer	24,25
		Day 3	Ports, Expansion Slots and Expansion Cards	26
		Day 4	Ports, Expansion Slots and Expansion Cards	27
7	1	Day 1	<b>Basic Operation of Computer</b>	<b>28</b>
		Day 2	<b>Basic Operation of Computer</b>	<b>28</b>
		Day 3	<b>Basic Operation of Computer</b>	<b>28</b>
		Day 4	<b>Revision of Topics</b>	<b>N/A</b>
8	1	Day 1	Computer Software	29
		Day 2	System software	30
		Day 3	Application Software	31
		Day 4	Open Source Software, Shareware and Freeware	31
9	2	Day 1	<b>Test in Unit # 1</b>	<b>N/A</b>
		Day 2	<b>Fundamentals of Operating System</b>	<b>37</b>
		Day 3	<b>Fundamentals of Operating System</b>	<b>37</b>
		Day 4	<b>Revision of Topics</b>	<b>N/A</b>
10	2	Day 1	Objectives of Operating System	38
		Day 2	Objectives of Operating System	39
		Day 3	Functions of Operating System	40,41
		Day 4	Functions of Operating System	42
11	2	Day 1	<b>Common Types of Operating Systems</b>	<b>43</b>
		Day 2	<b>Common Types of Operating Systems</b>	<b>43</b>
		Day 3	<b>Common Types of Operating Systems</b>	<b>44</b>
		Day 4	<b>Revision of Topics</b>	<b>N/A</b>

Week No.	Chapter No.	Day	Topic	Book Page Numbers
12	2	Day 1	Classification of Operating System	45
		Day 2	Classification of Operating System	46
		Day 3	Classification of Operating System	46
		Day 4	Classification of Operating System	47
13	2	Day 1	<b>Types of Operating System</b>	<b>48</b>
		Day 2	<b>Types of Operating System</b>	<b>49</b>
		Day 3	<b>Types of Operating System</b>	<b>50</b>
		Day 4	<b>Types of Operating System</b>	<b>51</b>
14	2	Day 1	Basic Icons of GUI Operating System	52
		Day 2	Basic Icons of GUI Operating System	52
		Day 3	Managing Data	53
		Day 4	Managing Data	54
15	2	Day 1	<b>Installation of Windows</b>	<b>56</b>
		Day 2	<b>Installation of Windows</b>	<b>57</b>
		Day 3	<b>Installation of Anti Virus</b>	<b>58</b>
		Day 4	<b>Windows Defender</b>	<b>59</b>
16	N/A	Day 1	Revision + Tests	N/A
		Day 2	Revision + Tests	N/A
		Day 3	Revision + Tests	N/A
		Day 4	Revision + Tests	N/A
17	N/A	Day 1	<b>Revision + Tests</b>	<b>N/A</b>
		Day 2	<b>Revision + Tests</b>	<b>N/A</b>
		Day 3	<b>Revision + Tests</b>	<b>N/A</b>
		Day 4	<b>Revision + Tests</b>	<b>N/A</b>

<b>Week No.</b>	<b>Chapter No.</b>	<b>Day</b>	<b>Topic</b>	<b>Book Page Numbers</b>
<b>18</b>	<b>3</b>	Day 1	Installation of Office Automation Software	65
		Day 2	Word Processor	68
		Day 3	Managing a Document	70
		Day 4	Inserting and Editing Text	73
<b>19</b>	<b>3</b>	Day 1	Minimize/Maximize Ribbon	76
		Day 2	Minimize/Maximize Ribbon	76
		Day 3	Inserting Symbols	77
		Day 4	Inserting Symbols	77
<b>20</b>	<b>3</b>	Day 1	inserting Equation	78
		Day 2	inserting Equation	79
		Day 3	Formatting Text, Paragraph and Page	79
		Day 4	Formatting Text, Paragraph and Page	80
<b>21</b>	<b>3</b>	Day 1	Inserting Page Breaks and Section Breaks	85
		Day 2	Inserting Page Breaks and Section Breaks	86
		Day 3	Inserting Header, Footer and Page Number	86
		Day 4	Revision of Topics	N/A
<b>22</b>	<b>3</b>	Day 1	Inserting and Positioning Picture	87
		Day 2	Inserting and Positioning Picture	88
		Day 3	Inserting Word Art	89
		Day 4	Inserting Word Art	90
<b>23</b>	<b>3</b>	Day 1	Creating a and Formatting Tables	90
		Day 2	Creating a and Formatting Tables	91
		Day 3	Changing Margins	95
		Day 4	Changing Margins	96

<b>Week No.</b>	<b>Chapter No.</b>	<b>Day</b>	<b>Topic</b>	<b>Book Page Numbers</b>
<b>24</b>	<b>3</b>	Day 1	Using Hyper Links	96
		Day 2	Using Hyper Links	97
		Day 3	Introductions to Spread Sheet	98
		Day 4	Revision of Topics	N/A
<b>25</b>	<b>3</b>	<b>Day 1</b>	<b>Working with Functions and Formulas</b>	<b>103</b>
		<b>Day 2</b>	<b>Working with Functions and Formulas</b>	<b>104</b>
		<b>Day 3</b>	<b>Graphical Representation of Data</b>	<b>105</b>
		<b>Day 4</b>	<b>Graphical Representation of Data</b>	<b>106</b>
<b>26</b>	<b>3</b>	Day 1	Manipulating and Formatting Data	107
		Day 2	Introduction to Inpage	112
		Day 3	Managing a Document in Inpage	115
		Day 4	Test in Unit # 3	N/A
<b>27</b>	<b>4</b>	<b>Day 1</b>	<b>Basic Terms of Data Communication</b>	<b>125</b>
		<b>Day 2</b>	<b>Basic Terms of Data Communication</b>	<b>126</b>
		<b>Day 3</b>	<b>Components of Communication System</b>	<b>126</b>
		<b>Day 4</b>	<b>Components of Communication System</b>	<b>126</b>
<b>28</b>	<b>4</b>	Day 1	Characteristics of Good Communication System	126
		Day 2	Characteristics of Good Communication System	127
		Day 3	Asynchronous and Synchronous Transmission Modes	127
		Day 4	Asynchronous and Synchronous Transmission Modes	128
<b>29</b>	<b>4</b>	<b>Day 1</b>	<b>Types of Transmission Media</b>	<b>128</b>
		<b>Day 2</b>	<b>Types of Transmission Media</b>	<b>129</b>
		<b>Day 3</b>	<b>Guided Media</b>	<b>129</b>
		<b>Day 4</b>	<b>Guided Media</b>	<b>129</b>

<b>Week No.</b>	<b>Chapter No.</b>	<b>Day</b>	<b>Topic</b>	<b>Book Page Numbers</b>
<b>30</b>	<b>4</b>	Day 1	Unguided media	130
		Day 2	Unguided media	131
		Day 3	Transmission Impairments	132
		Day 4	Transmission Impairments	133
<b>31</b>	<b>4</b>	<b>Day 1</b>	<b>Communication Devices</b>	<b>133</b>
		<b>Day 2</b>	<b>Communication Devices</b>	<b>134</b>
		<b>Day 3</b>	<b>Communication Devices</b>	<b>134</b>
		<b>Day 4</b>	<b>Data Transmission Terminologies</b>	<b>134</b>
<b>32</b>	<b>4</b>	Day 1	Data Transmission Terminologies	134
		Day 2	Characteristics of Communication Channel	135
		Day 3	Characteristics of Communication Channel	135
		Day 4	Test in Unit # 4	N/A
<b>33</b>	<b>N/A</b>	<b>Day 1</b>	<b>Revision + Tests</b>	<b>N/A</b>
		<b>Day 2</b>	<b>Revision + Tests</b>	<b>N/A</b>
		<b>Day 3</b>	<b>Revision + Tests</b>	<b>N/A</b>
		<b>Day 4</b>	<b>Revision + Tests</b>	<b>N/A</b>
<b>34</b>	<b>N/A</b>	Day 1	Revision + Tests	N/A
		Day 2	Revision + Tests	N/A
		Day 3	Revision + Tests	N/A
		Day 4	Revision + Tests	N/A