



DELHI PUBLIC SCHOOL (JOKA) SOUTH KOLKATA
SYLLABUS - 2020-2021
CLASS XI
INFORMATICS PRACTICES

PERIODIC TEST-I	<p>Unit 1:</p> <ul style="list-style-type: none"> • Introduction to computer system <p>Unit 2:</p> <ul style="list-style-type: none"> • Introduction to Python(Up to Control Statements, i.e., Loop) 																		
MIDTERM EXAMINATION	<p>Theory</p> <p>Unit 1:Introduction to computer system (Revision)</p> <p>Unit 2:Introduction to Python(Complete Portion, i.e., up to Dictionary)</p> <p>Unit 5:Introduction to Emerging Trends</p> <p>Practical</p> <ul style="list-style-type: none"> • Practical Marks Distribution <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">S.No.</th> <th style="text-align: left;">Unit Name</th> <th style="text-align: right;">Marks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Problem solving using Python programming language</td> <td style="text-align: right;">14</td> </tr> <tr> <td>2</td> <td>Practical file (minimum of 14 python programs)</td> <td style="text-align: right;">10</td> </tr> <tr> <td>3</td> <td>Viva-Voce</td> <td style="text-align: right;">06</td> </tr> <tr> <td colspan="2">Total 30</td> <td></td> </tr> </tbody> </table>	S.No.	Unit Name	Marks	1	Problem solving using Python programming language	14	2	Practical file (minimum of 14 python programs)	10	3	Viva-Voce	06	Total 30					
S.No.	Unit Name	Marks																	
1	Problem solving using Python programming language	14																	
2	Practical file (minimum of 14 python programs)	10																	
3	Viva-Voce	06																	
Total 30																			
PERIODIC TEST-II	<p>Unit 4:</p> <ul style="list-style-type: none"> • Database concepts and the Structured Query Language 																		
ANNUAL EXAMINATION	<p>Theory:</p> <ul style="list-style-type: none"> • Syllabus of MIDTERM • Syllabus of PERIODIC TEST-II <p>Practical</p> <ul style="list-style-type: none"> • <u>Practical Marks Distribution</u> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">S.No.</th> <th style="text-align: left;">Unit Name</th> <th style="text-align: right;">Marks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Problem solving using Python programming language</td> <td style="text-align: right;">11</td> </tr> <tr> <td>2</td> <td>Creating database using MySQL and performing Queries</td> <td style="text-align: right;">07</td> </tr> <tr> <td>3</td> <td>Practical file (minimum of 14 python programs, 14 SQL queries)</td> <td style="text-align: right;">07</td> </tr> <tr> <td>4</td> <td>Viva-Voce</td> <td style="text-align: right;">05</td> </tr> <tr> <td colspan="2">Total 30</td> <td></td> </tr> </tbody> </table>	S.No.	Unit Name	Marks	1	Problem solving using Python programming language	11	2	Creating database using MySQL and performing Queries	07	3	Practical file (minimum of 14 python programs, 14 SQL queries)	07	4	Viva-Voce	05	Total 30		
S.No.	Unit Name	Marks																	
1	Problem solving using Python programming language	11																	
2	Creating database using MySQL and performing Queries	07																	
3	Practical file (minimum of 14 python programs, 14 SQL queries)	07																	
4	Viva-Voce	05																	
Total 30																			

N.B.: Deducted portion (as per CBSE guidelines)

From Unit 3: Data Handling using NumPy (Complete Chapter)

From Unit 4: foreign key, DROP TABLE, ALTER TABLE, UPDATE, DELETE from DBMS