

| THE WISDOM GLOBAL SCHOOL | | | | | | | | | |
|---------------------------------------|-----------------------|-----------|----------------|---|---|----------------------|----------------|--------------------------|--------|
| SYLLABUS BIFURCATION | | | | | | | | | |
| GRADE 12 | | | | | | | | | |
| SUBJECT:- INFORMATICS PRACTICES | | | | | | | | | |
| NAME OF BOOKS: INFORMATICS PRACTICES | | | | | | | | | |
| YEAR 2022-23 | | | | | | | | | |
| NAME OF THE TEACHER:- KULDEEP GOSWAMI | | | | | | | | | |
| S.NO | BOOK NAME | MONTH | CHAPTER NUMBER | CHAPTER NAME | SUB-TOPICS | NO. OF DAYS REQUIRED | ACTIVITY/PROPS | SMART BOARD (PPT /VIDEO) | CHARTS |
| 1 | INFORMATICS PRACTICES | APRIL | 1 | DATA HANDLING USING PANDAS AND DATA VISUALISATION | INTRODUCTION TO PYTHON LIBRARY-PANDAS, MATPLOTLIB | 14 | YES | VIDEO | NO |
| | | | | | BOOK EXERCISES | 1 | NO | NO | NO |
| 2 | INFORMATICS PRACTICES | MAY | 1 | DATA HANDLING USING PANDAS AND DATA VISUALISATION | DATA STRUCTURES IN PANDAS SERIES | 13 | YES | VIDEO | NO |
| | | | | | BOOK EXERCISES | 1 | NO | NO | NO |
| 3 | INFORMATICS PRACTICES | JULY | 1 | DATA HANDLING USING PANDAS AND DATA VISUALISATION | DATAFRAMES | 14 | YES | VIDEO | NO |
| | | | | | BOOK EXERCISES | 1 | NO | NO | NO |
| 4 | INFORMATICS PRACTICES | AUGUST | 1 | DATA HANDLING USING PANDAS AND DATA VISUALISATION | DATA VISUALISATION | 14 | YES | VIDEO | NO |
| | | | | | BOOK EXERCISES | 1 | NO | NO | NO |
| 5 | INFORMATICS PRACTICES | SEPTEMBER | 4 | SOCIETAL IMPACTS | DIGITAL FOOT PRINT, NET AND COMMUNICATION ETIQUETTS | 2 | NO | PPT | NO |
| | | | | | DATA PROTECTION, IPR, PLAGIRISM | 2 | NO | PPT | NO |
| | | | | | FOSS | 1 | NO | PPT | NO |
| | | | | | BOOK EXERCISES | 1 | NO | NO | NO |
| MID TERM ASSESSMENT | | | | | | | | | |
| 6 | INFORMATICS PRACTICES | OCTOBER | 4 | SOCIETAL IMPACTS | CYBERCRIME AND CYBERLAWS | 4 | NO | PPT | NO |
| | | | | | OVERVIEW OF INDIAN IT ACT | 4 | NO | PPT | NO |
| | | | | | E WASTE | 2 | NO | PPT | NO |
| | | | | | BOOK EXERCISES | 1 | NO | NO | NO |
| | | | | | MATH FUNCTIONS | 5 | YES | PPT | NO |

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| 7 | INFORMATICS PRACTICES | NOVEMBER | 2 | DATABASE QUERY USING SQL | TEXT FUNCTIONS | 5 | YES | PPT | NO |
| | | | | | DATE FUNCTIONS | 5 | YES | PPT | NO |
| | | | | | AGGREGATE FUNCTIONS | 8 | YES | PPT | NO |
| | | | | | BOOK EXERCISES | 1 | NO | NO | NO |
| 8 | INFORMATICS PRACTICES | DECEMBER | 2 | DATABASE QUERY USING SQL | QUERYING AND MANIPULATING DATA USING GROUP BY, HAVING, ORDER BY | 16 | YES | PPT | NO |
| | | | | | BOOK EXERCISES | 1 | NO | NO | NO |
| 9 | INFORMATICS PRACTICES | JANUARY | 3 | INTRODUCTION TO COMPUTER NETWORK | INTRODUCTION TO NETWORKS, TYPES OF NETWORKS | 2 | YES | PPT | NO |
| | | | | | NETWORK DEVICES | 1 | YES | PPT | NO |
| | | | | | NETWORK TOPOLOGIES | 2 | YES | PPT | NO |
| | | | | | INTRODUCTION TO INTERNET | 2 | YES | PPT | NO |
| | | | | | WEBSITE | 2 | YES | PPT | NO |
| | | | | | WEBBROWSERS | 3 | YES | PPT | NO |
| BOOK EXERCISES | 1 | NO | NO | NO | | | | | |

FINAL ASSESSMENT