

THE AIR FORCE SCHOOL
ES – II SYLLABUS – 2020-21
SECTION – A

SUBJECT – ENGLISH

| S. No. | Name of the Topic | Weightage | Topic which will not be assessed |
|---------------|---|---|---|
| 1. | Writing Skills Letter of Complaint (Service) | MCQ (2)+ Subjective (1) = 8 Marks | ----- |
| 2. | Literature Voice of the Rain Discovering Tut Landscape of the soul The Address | MCQ (8)+Subjective (4) = 22 MARKS | ----- |

SUBJECT – ECONOMICS

| S. No. | Name of the Topic | Weightage | Topic which will not be assessed |
|---------------|---------------------------------|------------------|---|
| 1. | Supply and elasticity of supply | 15 Marks | — |

SUBJECT – STATISTICS

| S. No. | Name of the Topic | Weightage | Topic which will not be assessed |
|---------------|---|------------------|--|
| 1. | Chapter 2 - Introduction --Meaning and Scope of statistics | 05 Marks | — |
| 2. | Chapter 3 – Collection of Primary data | 04 Marks | — |
| 3. | Chapter 10 – Measures of dispersion | 06 Marks | Range , Quartile deviation, Mean Deviation, coefficient of Range, Coefficient of Quartile deviation, coefficient of Mean Deviation |

SUBJECT – MATHS

| S. No. | Name of the Topic | Weightage | Topic which will not be assessed |
|--------|---|-----------|--|
| 1. | Chapter – 7 Permutations and Combinations | 11 Marks | Derivation of formulae for ${}^n P_r$ and ${}^n C_r$ |
| 2. | Chapter – 9 Sequences and Series | 10 Marks | Formulae for the following special sums $\sum k, \sum k^2, \sum k^3$ |
| 3. | Chapter – 11 Conic Sections | 9 Marks | A point, a straight line and a pair of intersecting lines as a degenerated case of a conic section |

SUBJECT – HISTORY

| S. No. | Name of the Topic/Chapter | Weightage | Topic which will not be assessed |
|--------|-----------------------------|-----------|----------------------------------|
| 1. | Changing cultural tradition | 15 Marks | - |
| 2. | Industrial revolution | 15 Marks | - |

SUBJECT – GEOGRAPHY

| S. No. | Name of the Topic | Weightage | Topic which will not be assessed |
|--------|---|-----------|----------------------------------|
| 1. | Geomorphic Process | 12 Marks | - |
| 2. | Composition and structure of the Atmosphere | 8 Marks | Landforms and their evolution |
| 3. | Solar radiation, heat balance and temperature | 10 Marks | - |

SUBJECT – IP

| S. No. | Name of the Topic | Weightage | Topic which will not be assessed |
|--------|--|-----------|----------------------------------|
| 1. | Unit 2 Introduction to Python | | |
| a. | Flowcharts | 2 Marks | - |
| b. | Conditional Statements | 10 Marks | - |
| c. | Iterative/Looping Statements | 10 Marks | while loop |
| d. | List (Creation , Access, Slicing and Operations) | 8 Marks | - |

SUBJECT-HOME SCIENCE – REVISED

| S. No. | Name of the Topic | Weightage | Topic which will not be assessed |
|--------|---|-----------|--|
| 1. | Ch.- Fabric Around us | 10 Marks | Nil |
| 2. | Ch-Media and Communication Technology Unit | 08 Marks | Nil |
| 3. | Unit III: Understating family, community and society Ch. - Concerns and needs in diverse contexts: a. Nutrition, Health and Hygiene b. Resources Availability and Management | 02 Marks | Relationships and interactions with 'Significant Others' |
| 4. | Unit IV: Childhood Ch.-Survival, Growth and Development | 10 Marks | Care and Education |

SUBJECT– POLITICAL SCIENCE

| S. No. | Name of the Topic | Weightage | Topic which will not be assessed |
|--------|---|-----------|----------------------------------|
| 1. | BOOK:-INDIAN CONSTITUTION AT WORK Ch - 4 The Executive | 15 Marks | NIL |
| 2. | Ch - 5 The Legislature | 15 Marks | NIL |

SUBJECT– PSYCHOLOGY

| S. No. | Name of the Topic | Weightage | Topic which will not be assessed |
|--------|-------------------|-----------|----------------------------------|
| 1. | Human Development | 30 Marks | ----- |