DPS Panipat Refinery
Syllabus Half Yearly Examination (2019-20)
Class- XII
(Science Stream)

English

Topic	Chapter
Reading	Comprehension passage, Note making & summarizing,
Writing	Notice, Classified, Invitation, Poster, Advertisement, Letter to Editor, Letter of Enquiry, Letter for Placing Orders, Job Application, Letter of Complaint. Article, Speech, Report
Literature	**Poem-** Roadside Stand My Mother at Sixty six, Keeping Quiet, A Thing of Beauty, An Elementrary School. Aunt Jennifer's Tigers, **Lesson-** The last lesson, Lost Spring, Deep Water, The Tiger King, Indigo, On the face of It, The Enemy, The Rattrap, Poets and Pancakes, Should Wizard…, Interview
Novel	The Invisible Man (1-23),

Physics

Unit	Chapter
1.	Electrostatics
2.	Current electricity
3.	Magnetic effects of current and magnetism
4.	Electromagnetic induction and alternating current
7.	Dual nature of matter and radiation
8.	Atom nuclei and radioactivity
9.	Semiconductor devices

Chemistry

Ch. No.	Chapter
1.	Solutions
2.	Electro Chemistry
3.	Chemical Kinetics
6.	p-block elements
7.	d and f block elements
10.	Haloalkanes & Haloarenes
11.	Alcohols, Phenols & ethers
12.	Aldehydes, Ketones & Carboxylic Acids
13.	Organic Compounds containing Nitrogen

Mathematics

Sr. No.	Chapter
1	Relation and Functions
2.	Algebra
3.	Calculus
4.	Vectors

Biology

Sr. No.	Chapter
1	Reproduction in organism
2	Sexual reproduction in flowering plants
3	Human Reproduction
4	Reproductive Health
5	Principles of Inheritance and Variations
6	Molecular basis of Inheritance and Variations
7	Evolution
8	Human Health and Disease
9	Strategies for Enhancement in Food Production
10	Microbes in Human Welfare
11	Biotechnology : Principles and Process
12	Biotechnology : Application

Fine Arts

Sr. No.	Chapter
1.	Rajasthani school of art Origin and Development Characteristics at Rajasthani Paintings of Rajasthani School Pahari School of Art Origin and Developmen , Characteristics & Paintings
2.	Mughal School of Art Origin and Development Characteristics of Mughal Painting Paintings of Mughal School.
3.	The Deccani School of Art:- Description of Ahmednagar, Bizpur ,Goloconda, Hyderabad , Tanjore Characterstics of Deccani Schools , Paintings of Deccani School

Physical Education

Part - I

Unit	Chapter
1.	Planning in Sports
2.	Sports & Nutrition
3.	Yoga & Life Style
4.	Physical Education & sports for CWSN (Children with special Needs – Divyang)
5.	Children & Sports
6.	Women & Sports
7.	Test & Measurement in sports
8.	Physiology & Sports
9.	Sports medicine
10.	Kinesiology

Part – II

Unit	Chapter
1.	i) History ii) Latest Rules of the Game/Sport. iii) Playfield and Equipments. iv) Important Tournaments and Venues V) Important personalities and Awards.

हिन्दी

(पद्य) आरोह भाग–2

पाठ संख्या	पाठ का नाम	कवि
4.	कैमरे में बंद अपाहिज	रघुवीर सहाय
5.	सहर्ष स्वीकारा है	गजानन माधव मुक्तिबोध
6.	उषा	शम"ार बहादुर सिंह

(गद्य)

पाठ संख्या	पाठ का नाम	लेखक
14	पहलवान की ढ़ोलक	फणी"वर नाथ रेणु
15	चार्ली चप्लिन यानी हम सब	विष्णु खरे
16	नमक	रजिया सज्जाद जहीर

वितान भाग–2

पाठ संख्या	पाठ का नाम	लेखक
3.	अतीत के दबे पाँव	ओम थानवी
4.	डायरी के पन्ने	ऐन Ýक

अभिव्यक्ति और माध्यम

प्र"न संख्या – 1 से 85 तक

Computer Science

Chapter No.	Chapter Name
1.	Python Revision Tour
2.	Python Revision Tour – II
3.	Working with Functions
4.	Using Python Libraries
5.	File Handling
6.	Recursion
11.	Computer Networks – I
12.	Computer networks – II
13.	MySQL Revision Tour
14.	More on SQL
15.	Creating a Django Basic Web Application
17.	Society Law and Ethics

Typography & Computer Applications

Chapter No.	Chapter Name
1.	Correspondence
2.	Manuscript
3.	Basics of Excel
4.	Power Point
5.	Internet Search
6.	E-mail

Employability Skills

Unit No.	Unit Name
1.	Communication skills
2.	Self Management Skills
3.	Information and Communication Technology skills
5.	Green Skills

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Novel	The Invisible Man (1-23),

Mathematics (Commerce)

Sr. No.	Chapter
1.	Relation and Functions
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Economics

Part-I (INTRODUCTORY MARCO ECONOMICS)

Unit-I National Income and Related Aggregates

Unit-II Money & Banking

Unit-III Determination of Income & employment

Part-II (INDIAN ECONOMIC DEVELOPMENT)

Unit-I Development Policies and experience (1947-1990)

i) Indian economy on the end of independence.

ii) Indian economy 1950-1990.

Unit-II Economic reforms since 1991

i) Privatization, Geolsalization and Liveralization

Unit-III Current Challenges facing the Indian Economy

i) Poverty

ii) Human capital formation in India

iii) Rural development.

Business Studies

Sr. No.	Chapter
1.	Nature and significance of Management
2.	Principles of Management
3.	Business environment
4.	Planning
5.	Organising.
6.	Staffing.
7.	Marketing
8.	Directing

Accountancy

1.	Non-Profit Organisation
2.	Partnership (Fundamentals)
3.	Goodwill (Accounting treatment)
4.	Admission of a partner
5.	Retirement of partner
6.	Dissolution
7.	Accounting for share Capital
8.	Issue of Debentures
9.	Redemption of Debenture
10.	Project work.

हिन्दी

(पद्य) आरोह भाग–2

पाठ संख्या	पाठ का नाम	कवि
4.	कैमरे में बंद अपाहिज	रघुवीर सहाय
5.	सहर्ष स्वीकारा है	गजानन माधव मुक्तिबोध
6.	उषा	शम"ार बहादुर सिंह

(गद्य)

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वितान भाग–2

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अभिव्यक्ति और माध्यम

प्र"न संख्या – 1 से 85 तक

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Part - I

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12.	Sports & Nutrition
13.	Yoga & Life Style
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15.	Children & Sports
16.	Women & Sports
17.	Test & Measurement in sports
18.	Physiology & Sports
19.	Sports medicine
20.	Kinesiology

Part – II

Unit	Chapter
2.	i) History ii) Latest Rules of the Game/Sport. iii) Playfield and Equipments. iv) Important Tournaments and Venues V) Important personalities and Awards.

Geography

Part-I – Fundamentals of Human Geography

1. Human Geography Nature & Scope
3. Population Composition
4. Human Development
5. Primary Activities
6. Secondary Activities
7. Tertiary & Quarternary Activities

Part-II – India People & Economy

1. Population : Distribution , Density, Growth & Composition
3. Human Development
4. Human Settlements
5. Land resource & Agriculture
6. Water Resources
7. Mineral and Energy Resources
8. Manufacturing Industries

Psychology

Sr. No.	Chapter Name
1.	Variations in Psychological Attributes
2.	Self and Personality
3.	Meeting Life Challenges
4.	Psychological Disorders
5.	Therapeutics
6.	Attitude and Social Cognition
7.	Developing Psychological skills

Typography & Computer Applications

Chapter No.	Chapter Name
1.	Correspondence
2.	Manuscript
3.	Basics of Excel
4.	Power Point
5.	Internet Search
6.	E-mail

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Unit No.	Unit Name

1. Communication skills
2. Self Management Skills
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5. Green Skills