Mathematics & Statistics (Arts & Science)
FYJC
DISTRIBUTION OF-MARKS

PART I

SR.NO.	UNIT	SYLLABUS	MARKS
1.	Angle and its measurement	1.2	4
2.	Trigonometry-I	2.1	6
3.	Trigonometry-II	3.1, 3.2 , 3.3	8
4.	Determinates and Matrices	4.3, 4.5, 4.6	10
5.	Straight Lines	5.2, 5.3, 5.4	5
6.	Circle	6.1	4
7.	Conics Sections	7.1,7.2	8
8.	Measurement of dispersion	8.1 , 8.2	5
9.	Probability	9.2	6

PART II

SR.NO.	UNIT	SYLLABUS	MARKS
1.	Complex Numbers	1.1	6
2.	Sequences and Series	2.2 , 2.4	7
3.	Permutations and Combinations	3.2 , 3.3 , 3.6	8
4.	Method of Induction and Binomial Theorem	4.2	7
5.	Sets and Relations	5.2	6
6.	Functions	6.1	5
7.	Limits	7.1,7.2,7.3,7.4,7.6	6
8.	Continuity	8.1	5
9.	Differentiation	9.2	6

FY JC Annual Examination   Mathematics (Arts & Science)
FORMAT OF QUESTION PAPER

Time : 3 Hours   **Total Marks – 80**

General Instructions:

The question paper is divided into FOUR sections.

1) **Section A:** Q:1 Contains **Eight** multiple choice questions carrying **Two** marks each.

       Q:2 Contains Four very short answer type questions carrying One mark each.

2) **Section B:** contains **Twelve** short answer type questions carrying **Two** marks each.

       (Attempt any Eight)

3) **Section C:** contains **Twelve** short answer type questions carrying **Three** marks each.

       (Attempt any Eight)

4) **Section D:** contains **Eight** long answer type questions carrying **Four** marks each.

       (Attempt any Five)

5) Use of log table is allowed. Use of calculator is **not** allowed.

6) Figures to the right indicate full marks.

7) Use of graph paper is not necessary. Only rough sketch of graph is expected.

8) For each multiple choice type questions, only the first attempt will be considered for evaluation.

9) Start answer to each section on a new page.

Section A

Q.No.1.Select and write the most appropriate answer from the given alternatives for each sub-question:

    (i) to (viii)   MCQ   (2 marks each) [16]

Q.No.2. Answer the following questions :   (1 mark each) [04]

    (i) to (iv)   VSA

Section B

Attempt any **EIGHT** of the following questions: (2 marks each) [16]

Q.No.3 to Q.No. 14   Short Answer - I

Section C

Attempt any **EIGHT** of the following questions: (3 marks each) [24]

Q.No.15 to Q.No. 26   Short Answer -II

Section D

Attempt any **FIVE** of the following questions: (4 marks each)[20]

Q.No.27 to   Q.No. 34   Long Answer questions.

FRENCH
Full text book

ENGLISH: (80+20)
UNIT 1- 1.1 TO 1.6
UNIT 2-2.1 to 2.6
UNIT 3- 3.1to 3.6
UNIT 4- 4.1 to 4.3B
Grammar all that is covered in 10th std and text (Brainstorming)
80- theory
20- MCQ (Grammar)

IT Portion
CH 1: Basics of IT
CH 2: Introduction to DBMS
CH 3: Impressive Web Designing
CH 4: Cyber Law

Psychology
Full portion : chapters 1 to 8

Child development
Full portion

HISTORY
ALL THE CHAPTERS (1-16)

Political Science
All Chapters
1 to 10

Sociology
All Chapters
1 to 8

Marathi
मराठी
संपूर्ण पाठ्यपुस्तक.

व्याकरण-पाठ्यपुस्तकातील व्याकरणासह १.अनेक शब्‍ांसाठी एक शब्‍
२. प्रत्ययघटित- उपसर्गघटित शब्‍
3. समानार्थी शब्‍
4. िरुद्धार्थी शब्‍
5. ‍ाात न बसणारा शब्‍ ओळखणे
6. शब्‍ ‍ ‍ाक्य शुद्ध करून टलहा 7. ‍चन बदला .

Hindi Annual exam

Full portion

मुहािरे पृष्ठ १०३

पाररभाटिक शब्िाली ६१ से ८०

Internal 20 marks

उपसर्ग, प्रत्यय ,टिलोम शब् ुटलांर् परररतगन

Economics

Full Textbook