

NAT™ Paper Pattern and Questions Distribution

National Aptitude Test (NAT™) will be conducted in two categories

Category One:

Six types of paper for candidates having 12 years education

Category Two:

Five types of paper for candidates having 14 years education

CATEGORY ONE (For candidates having 12 years education)						
	Test Type	Number of Questions				
		English	Analytical	Quantitative	Subject	Total
1.	NAT™-IE, Having 12 years/equal Education in Pre-Engineering Group	20	20	20	30	90
-> <u>NAT™-IE Paper Distribution</u>						
2.	NAT™-IM, Having 12 years/equal Education in Pre-Medical Group	20	20	20	30	90
-> <u>NAT™-IM Paper Distribution</u>						
3.	NAT™-IA, Having 12 years/equal Education in Arts Group	20	20	20	30	90
-> <u>NAT™-IA Paper Distribution</u>						
4.	NAT™-ICS, Having 12 years/equal Education in Computer Science	20	20	20	30	90
-> <u>NAT™-ICS Paper Distribution</u>						
5.	NAT™-IGS, Having 12 years/equal Education in General Science	20	20	20	30	90
-> <u>NAT™-IGS Paper Distribution</u>						
6.	NAT™-ICOM, Having 12 years/equal Education in Commerce	20	20	20	30	90
-> <u>NAT™-ICOM Paper Distribution</u>						

CATEGORY TWO (For candidates having 14 years education)						
	Test Type	Number of Questions				
		English	Analytical	Quantitative	Subject	Total
1.	NAT™-IIA, Having 14 years/equal Education in Art & Humanities Group	20	15	15	50	100
-> <u>NAT™-IIA Paper Distribution</u>						

CATEGORY TWO (For candidates having 14 years education)

	Test Type	Number of Questions				
		English	Analytical	Quantitative	Subject	Total
2.	NAT™-IIB, Having 14 years/equal Education in Biological Sciences Group	10	10	10	70	100
-> NAT™-IIB Paper Distribution						
3.	NAT™-IIM, Having 14 years/equal Education in Management Sciences Group	10	10	10	70	100
-> NAT™-IIM Paper Distribution						
4.	NAT™-IIP, Having 14 years/equal Education in Physical Sciences Group	10	10	10	70	100
-> NAT™-IIP Paper Distribution						
5.	NAT™-IIO, Having 14 years/equal Education in Oriental & Islamic Studies Group	20	20	20	40	100
-> NAT™-IIO Paper Distribution						

Curriculum for NAT™-IE (Education in Pre-Engineering Group)

Total No of Questions = 90

Time Allowed = 120 minutes

Topics	No. of Questions	Percentages
A: English	20	22.2
A1: Sentence Completion	5	
A2: Analogy	3	
A3: Antonym	4	
A4: Comprehension	5	
A5: Synonym	3	
B: Analytical	20	22.2
B1: Scenario Based	12	
B2: Statements Based	8	
C: Quantitative	20	22.2
C1: Arithmetic	13	
C2: Algebra	4	
C3: Geometry	3	
Total	90	100

Top

Curriculum for NAT™-IE (Education in Pre-Engineering Group)

D: Subject (Pre-Engineering Group)	30	33.4
D1: Physics	10	
D2: Chemistry	10	
D3: Mathematics	10	
Total	90	100

[Top](#)

Curriculum for NAT™-IM (Education in Pre-Medical Group)

Total No of Questions = 90

Time Allowed = 120 minutes

Topics	No. of Questions	Percentages
A: English	20	22.2
A1: Sentence Completion	5	
A2: Analogy	3	
A3: Antonym	4	
A4: Comprehension	5	
A5: Synonym	3	
B: Analytical	20	22.2
B1: Scenario Based	12	
B2: Statements Based	8	
C: Quantitative	20	22.2
C1: Arithmetic	13	
C2: Algebra	4	
C3: Geometry	3	
D: Subject (Pre-Medical Group)	30	33.4
D1: Physics	8	
D2: Chemistry	8	
D3: Biology	14	
Total	90	100

[Top](#)

Curriculum for NAT™-IA (Education in Arts Group)

Total No of Questions = 90

Time Allowed = 120 minutes

Topics	No. of Questions	Percentages
A: English	20	22.2
A1: Sentence Completion	5	
A2: Analogy	3	
A3: Antonym	4	
A4: Comprehension	5	
A5: Synonym	3	
B: Analytical	20	22.2
B1: Scenario Based	12	
B2: Statements Based	8	
C: Quantitative	20	22.2
C1: Arithmetic	13	
C2: Algebra	4	
C3: Geometry	3	
D: Subject (Education in Arts Group)	30	33.4
D1: Islamiyat / Ethics	10	
D2: Pakistan Studies	10	
D3: General Knowledge	10	
Total	90	100

[Top](#)**Curriculum for NAT™-ICS (Education in Computer Science Group)**

Total No of Questions = 90

Time Allowed = 120 minutes

Topics	No. of Questions	Percentages
A: English	20	22.2
A1: Sentence Completion	5	
A2: Analogy	3	
A3: Antonym	4	
A4: Comprehension	5	
Total	90	100

[Top](#)

Curriculum for NAT™-ICS (Education in Computer Science Group)

A5: Synonym	3	
B: Analytical	20	22.2
B1: Scenario Based	12	
B2: Statements Based	8	
C: Quantitative	20	22.2
C1: Arithmetic	13	
C2: Algebra	4	
C3: Geometry	3	
D: Subject (Education in Computer Science Group)	30	33.4
D1: Physics	10	
D2: Computer		
D2.1: Introduction to computer	4	
D2.2: Programming Skills	3	
D2.3: Fundamentals of database	3	
D3: Mathematics	10	
Total	90	100
<u>Top</u>		

Curriculum for NAT™-IGS (Education in General Science Group)

Total No of Questions = 90

Time Allowed = 120 minutes

Topics	No. of Questions	Percentages
A: English	20	22.2
A1: Sentence Completion	5	
A2: Analogy	3	
A3: Antonym	4	
A4: Comprehension	5	
A5: Synonym	3	
B: Analytical	20	22.2
B1: Scenario Based	12	
B2: Statements Based	8	
C: Quantitative	20	22.2
Total	90	100
<u>Top</u>		

Curriculum for NAT™-IGS (Education in General Science Group)

C1: Arithmetic	13	
C2: Algebra	4	
C3: Geometry	3	
D: Subject (Education in General Science Group)	30	33.4
D1: Mathematics	10	
D2: Statistics	10	
D3: Economics	10	
Total	90	100
<u>Top</u>		

Curriculum for NAT™-ICOM (Education in Commerce Group)

Total No of Questions = 90

Time Allowed = 120 minutes

Topics	No. of Questions	Percentages
A: English	20	22.2
A1: Sentence Completion	5	
A2: Analogy	3	
A3: Antonym	4	
A4: Comprehension	5	
A5: Synonym	3	
B: Analytical	20	22.2
B1: Scenario Based	12	
B2: Statements Based	8	
C: Quantitative	20	22.2
C1: Arithmetic	13	
C2: Algebra	4	
C3: Geometry	3	
D: Subject (Education in Commerce Group)	30	33.4
D1: Accounting	10	
D2: Commerce	10	
D3: Economics	10	
Total	90	100
<u>Top</u>		

Curriculum for NAT™-IIA (Art & Humanities Group)

Total No of Questions = 100

Time Allowed = 120 minutes

Topics	No. of Questions	Percentages
A: English	20	20
A1: Sentence Completion	5	
A2: Analogy	3	
A3: Antonym	4	
A4: Comprehension	5	
A5: Synonym	3	
B: Analytical	15	15
B1: Scenario Based	10	
B2: Statements Based	5	
C: Quantitative	15	15
C1: Arithmetic	11	
C2: Algebra	3	
C3: Geometry	1	
D: Subject (Art & Humanities Group)	50	50
D1: Islamiyat / Ethics	10	
D2: Pakistan Studies	10	
D3: General Knowledge	20	
D4: Current Affairs	10	
Total	100	100

[Top](#)

Curriculum for NAT™-IIB (Biological Sciences Group)

Total No of Questions = 100

Time Allowed = 120 minutes

Topics	No. of Questions	Percentages
A: English	10	10
A1: Sentence Completion	3	
A2: Analogy	1	
A3: Antonym	2	
Total	100	100

[Top](#)

Curriculum for NAT™-IIB (Biological Sciences Group)

A4: Comprehension	3	
A5: Synonym	1	
B: Analytical	10	10
B1: Scenario Based	6	
B2: Statements Based	4	
C: Quantitative	10	10
C1: Arithmetic	7	
C2: Algebra	2	
C3: Geometry	1	
D: Subject (Biological Sciences Group)	70	70
D1: Botany		
D1.1: Plant Physiology	2	
D1.2: Taxonomy	3	
D1.3: Environment	2	
D1.4: Genetics	2	
D1.5: Ecology	2	
D1.6: Algae / Fungi	3	
D1.7: Bryophytes / Ptrediophyte	3	
D1.8: Angiosperm / Gymnosperm	3	
D2: Zoology		
D2.1: Vertebrates	10	
D2.2: Invertebrates	10	
D3: Chemistry	20	
D4: Islamiyat	5	
D5: Pakistan Studies	5	
Total	100	100

Top**Curriculum for NAT™-IIM (Management Sciences Group)**

Total No of Questions = 100

Time Allowed = 120 minutes

Topics	No. of Questions	Percentages
Total	100	100

Top

Curriculum for NAT™-IIM (Management Sciences Group)

A: English	10	10
A1: Sentence Completion	3	
A2: Analogy	1	
A3: Antonym	2	
A4: Comprehension	3	
A5: Synonym	1	
B: Analytical	10	10
B1: Scenario Based	6	
B2: Statements Based	4	
C: Quantitative	10	10
C1: Arithmetic	7	
C2: Algebra	2	
C3: Geometry	1	
D: Subject (Management Sciences Group)	70	70
D1: Management (Basic)	20	
D2: Marketing (Basic)	10	
D3: Finance & Accounting (Basic)	10	
D4: Economics (Basic)	5	
D5: Business Ethics (Basic)	5	
D6: Computer Science (Basic)	10	
D7: Islamiyat	5	
D8: Pakistan Studies	5	
Total	100	100

[Top](#)

Curriculum for NAT™-IIP (Physical Sciences Group)

Total No of Questions = 100

Time Allowed = 120 minutes

Topics	No. of Questions	Percentages
A: English	10	10
A1: Sentence Completion	3	
A2: Analogy	1	
Total	100	100

[Top](#)

Curriculum for NAT™-IIP (Physical Sciences Group)

A3: Antonym	2	
A4: Comprehension	3	
A5: Synonym	1	
B: Analytical	10	10
B1: Scenario Based	6	
B2: Statements Based	4	
C: Quantitative	10	10
C1: Arithmetic	7	
C2: Algebra	2	
C3: Geometry	1	
D: Subject (Physical Sciences Group)	70	70
D1: Computer Science	15	
D2: Physics	15	
D3: Mathematics	15	
D4: Chemistry	15	
D5: Islamiyat	5	
D6: Pakistan Studies	5	
Total	100	100

[Top](#)

Curriculum for NAT™-IIO (Oriental & Islamic Studies Group)

Total No of Questions = 100

Time Allowed = 120 minutes

Topics	No. of Questions	Percentages
A: English	20	20
A1: Sentence Completion	5	
A2: Analogy	3	
A3: Antonym	4	
A4: Comprehension	5	
A5: Synonym	3	
B: Analytical	20	20
B1: Scenario Based	12	
Total	100	100

[Top](#)

Curriculum for NAT™-IIO (Oriental & Islamic Studies Group)

B2: Statements Based	8	
C: Quantitative	20	20
C1: Arithmetic	13	
C2: Algebra	4	
C3: Geometry	3	
D: Subject (Oriental & Islamic Studies Group)	40	40
D1: Islamic History	13	
D2: Comparison of Religions	13	
D3: Sources of Islamic Religion / Quran & Hadith	14	
Total	100	100
Top		

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