

Syllabus of 8

Math Syllabus

PA-1:

Chapter-1: Rational Number

Chapter-2: Exponent (Powers)

PA-2:

Chapter-3: Squares, Square Roots, Cubes, Cube Roots

Chapter-4: Playing with Numbers

Chapter-5: Algebraic Expressions

Chapter-7: Understanding Shapes (DL)

PA-3:

Chapter-6: Ratio and Proportion

Chapter-8: Representing 3D in 2D

PA-4:

Chapter-9: Construction

Chapter-10: Mensuration

Chapter-11: Data Handling

Chapter-12: Introduction to Graphs (DL)

English Syllabus

Pa1 - grammar chap 3 chap 4 chap 5

Coursebook chap 1 the gold frame, chap 2 a day

Pa2 - ASL Chap 3 earthquake in Assam

Grammar chap 1, chap 2, chap 6, chap 7, chap 8, chap 12

Coursebook chap 4 the triantiwontigongolope

chap 5 the world in a wall, chap 6 a boy's best friend ,

chap 7 where the mind is

Creative writing essay & formal letter

Comprehension – unseen passage

Pa 3 grammar chap 9 chap 10 chap 11

Coursebook chap 8 patol babu

Chap 9 o captain my captain

Pa4 - ASL chap 10 en route to america

Grammar chap 13 to chap 20

Coursebook - chap 11 feathered friend, chap 12 the eagle & the beetle, chap 13 a day in the country, chap 14 amma, chap 15 music finds, chap 16 whose place is it anyway, chap 17 monsters on maple Street

Creative writing – notice, report, leaflet

Comprehension- unseen passage

Science

PA - 1

Ch - 1 - Crop production and management

Ch - 3 - Synthetic fibres and Plastics

PA - 2

Ch - 2 - Microorganism

Ch - 4 - Materials

Ch - 5 - Coal and Petroleum (DL)

Ch - 11 - Force and Pressure

Ch - 12 - Friction

PA - 3

Ch - 7 - Conservation of plants and animals

Ch - 8 - Cell - Structure and functions

Ch - 14 - Chemical effects of electric current

PA - 4

Ch - 6 - Combustion and flame (DL)

Ch - 9 - Reproduction in animals

Ch - 10 - Reaching the age of Adolescence

Ch - 13 - Sound

Ch - 16 - Light

Ch - 17 - Stars and the solar system

Ch - 18 - Pollution of air and water (DL)

Social Science

PA1 - HIST chap 1 - how when where

chap 2 expansion of British power

GEO Chap 1 resources and their types

CIVICS chap 1 the Constitution I

Chap 2 - the Constitution II

PA2 - DL HIST chap 6

Hist chap 3 rural life & society under the British

Chap 4 colonialism and tribal societies

Chap 5 crafts & industries

Geo chap 2 land & soil resources

Chap 3 water resources

Civics chap 3 parliamentary government

Chap 4 central government

PA3 - hist chap 7 educating the native

Chap 8 the movement for reforms

Geo chap 4 natural vegetation & wildlife

Civics chap 5 judiciary I

Chap 6 judiciary II

PA4 - DL GEO CHAP 5 mineral resources

Hist chap 9 the changing world of visual arts

Chap 10 the national movement

Chap 11 India free at last

Geo chap 6 agriculture

Chap 7 industries

Chap 8 human resources

Civics chap 7 social justice & the marginalised communities

Chap 8 social justice & the untouchability

Chap 9 economic presence of the government

Chap 10 the union executive

Map pointing

Computer

PA-1

- Ch-1. Computer Networking (Project)
- Ch-2. Introduction to MS Access 2010

PA-2

- Ch-3. More on MS Access 2010 (DL)
- Ch-4. Lists and Tables in HTML
- Ch-5. More on HTML

PA-3

- Ch-6. More on Photoshop CS6
- Ch-7. Internet Services and Cyber Crime (Pr

PA-4

- Ch-8. Control Structure in Python
- Ch-9. Artificial Intelligence (DL)
- Ch-10. Robotics

[**Note:** Ch-3,5,7 is included in PA-4 Exam.]

Bengali Syllabus

PA1

BanglarMukh: Poem Chap 1,2 Prose chap 1,2

Byakaron: Bishorgo Sandhi, lingo , bochan , purush, ashuddhisongshodhan,samochharitosobdo (selected),Bhinnarthakshabdo (selected), SomarthokSobdo(selected)

PA2

BanglarMukh - Poem Chap. 3,4Prose chap 3,4,5. M.A Poem chapter 5

Byakaron - BisesyerShreenibibhag, Dhatu O
Kriyapad,GalpoLikhon,PotroRachna,ProbandhoRachna,samochharitosobdo (selected),
Bhinnarthakshabdo (selected), SomarthokSobdo (selected)

PA3

BanglarMukh - Poem Chap 6, 7 Prose chap 6,7

Byakaron: SobderShreenebibhag,Samas,samochharitosobdo (selected), Bhinnarthakshabdo (selected),
SomarthokSobdo (selected)

PA4

BanglarMukh - PoemChap 9, 10,2Prose chap 8, 10, 4 M.A Poem chapter 8 ,Prose 9

Byakaron: BakyaNirmanerSarto, Bodh porikhhon, GalpoLikhon, PotroRachna,
ProbandhoRachnasamochharitosobdo (selected), Bhinnarthakshabdo (selected), SomarthokSobdo
(selected)

Hindi Syllabus

PA- 1 (20 marks)

Pratyush- Chapters- 1 (unko pranam) , 2(genius dhoni) , 3 (mehman ki vapsi)

Sarthak Hindi Vyakaran- Chapters- 1 (Bhasha, lipi aur vyakaran) , 2 (varna vichar), 3 (shabd vichar) 4 - shabd nirman (upsarg-pratyay), 5 - Shabd Bhandar- paryayvachi shabd- Andhakar-khoj, vilom shabd- andhera- ekta, vakyansho ke liye ek shabd- (1-20), shrutisam bhinnarthak shabd- avadhi- ki, anekarthi shabd- ank- kar, chapters- 6 (sangya),7(sangya ke vikar)

PA-2 (40 marks)

Pratyush- 4 (Shital chaya) , 5 (sagar lehre) , 6 (chale chalo), 7 (George Pancham ki nak)

M.A- Chapter- 8 (Maa)

A.S.L- Chapter- 5 (sagar lehre)

Sarthak Hindi Vyakaran- Chapters- 4 Shabd nirman- Sandhi (swar sandhi), 5 shabd bhandar- Paryayvachi shabd- khoh- dharti, vilom shabd- echik- daridra, vakyansho ke liye ek shabd (1-30), shrutisam bhinnarthak shabd- karm- shoukat, anekarthi shabd- kaal- kal, chapters- 8 (sarvanam, 9 (visheshan) , 15 (vakya), 16 (viram chinha) , 21 (apathit bodh), 23 (laghukatha lekhan) , 26(chitra lekhan), 30 (anuched lekhan)

PA- 3 (20 marks)

Pratyush- Chapters- 9 (jivan safalya), 10 (Khane mein rang), 11 (vasudhaiv kutumbakam)

Sarthak Hindi Vyakaran- Chapter- 5- Shabd bhandar- Paryayvachi shabd- Nav- jhopri, Vilom shabd- Aatr- Bhatr, vakyansho ke liye ek shabd (31-51), srutisam bhinnarthak shabd- haye-upyukt, anekarthi shabd- khoya- dand, Chapters- 17 (samanya ashudhiya evang shodhan), 18 (vachya), 19 (muhavre evang lokoktiyan)

PA- 4 (80 marks)

Pratyush- Chapters- 12 (Robert nursing home mein), 13 (apna- paraya) 16 (parninda)+ PA-3+ PA-2+ PA-1

M.A- Chapters- 14 (dhara ko uthao, gagan ko jhukao) , 15 (adhikar ka rakshak)

A.S.L- Chapter- 16 (parninda)

Sarthak Hindi Vyakaran- Chapter- 5 Shabd bhandar- Paryayvachi shabd- Tedha- harsh, Vilom shabd- Bhagyahin- Hanikarak, Vakyansho ke liye ek shabd- (52-85) srutisam bhinnarthak shabd- kul- hari, anekarthi shabd- dal- hasti, chapters- 20(alankar), 27 (vigyan lekhan), 28 (suchna lekhan), 29 (sandesh lekhan)

G.K, Moral science syllabus

Moral science syllabus

PA1 Exam – ch-1 –The sword of peace pg- 5

Ch -2- The Road not taken pg-12

PA2 Exam- ch- 2- The Road not taken pg- 12

ch-3- The Incredible Black Rain pg- 19

ch-4- The Road Block pg- 26

PA3 Exam - ch-5- Spreading Rumour pg- 34

ch-6- The boy and the Apple tree pg- 43

PA4 Exam- ch- 7 The potato , The Egg and The coffee Bean pg- 51

Ch – 8 Rani Lakshmi Bai- India’s Joan of Arc pg- 59

Ch-9 You can Do it ,,,, if you dare to dream pg- 68

G.K (New Tell Me More) Syllabus

PA1 EXAM :- (i) The natural world pg- (5- 8, 42- 44)

(ii) The magic of words pg(9-11 , 46- 48)

PA2 EXAM:- (i) The world of books pg-(12 -25,49- 61)

(ii) Young Scientist

(iii) India Unlimited

(iv) Around the world

PA3 Exam :- pg- (26- 30 , 62 – 66)

(i) Playing the game

(ii) Art & Culture

PA4 Exam:- pg- (31- 39, 67 – 75)

(i) This & That

(ii) Go green

(iii) Life skills

(iv) Values