# Class Ten Academic Program-2024 (Online)

Batch Time English Version – 04:00 PM

### Class Routine-03

Exam Time 10:00 am To 10:00 pm

Date & Day	Live Class (Online Smart Board)	Live Exam (Online)					
28 April 2024 (Sunday)	Physics (P-05+06) : Chapter-09 (Refraction of Light)	Daily Exam (M-07+08) MCQ (10×1=10); 10 min					
29 April 2024 (Monday)	Biology(B-21+22) : Chapter-14 (Biotechnology)	Daily Exam (P-05+06) MCQ (10×1=10); 10 min					
30 April 2024 (Tuesday)	Math (M-09+10) : Chapter-03 (Algebraic Expressions)	Daily Exam (B-21+22) MCQ (10×1=10); 10 min					
01 May 2024 (Wednesday)	Chemistry (C-21+22) : Chapter-12 (Chemistry in Our Lives)	Daily Exam (M-09+10) MCQ (10×1=10); 10 min					
02 May 2024 (Thursday)	Higher Math (H.M-19+20): Chapter-09 (Exponential and Logarithmic Functions)  Daily Exam (C-21+22) MCQ (10×1=10); 1						
03 May 2024 (Friday)	Chapter wise Exam-24: Physics - Chapter-09 (Refraction of Light) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min						
04 May 2024 (Saturday)	Chapter wise Exam-25: Biology - Chapter-14 (Biotechnology) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min						
05 May 2024 (Sunday)	Physics (P-07+08) : Chapter-10 (Static Electricity)	Daily Exam (H.M-19+20) MCQ (10×1=10); 10 min					
06 May 2024 (Monday)	Biology(B-01+02) : Chapter-09 (Firmness and Locomotion)	Daily Exam (P-07+08) MCQ (10×1=10); 10 min					
07 May 2024 (Tuesday)	Math (M-11+12) : Chapter-03 (Algebraic Expressions)	Daily Exam (B-01+02) MCQ (10×1=10); 10 min					
08 May 2024 (Wednesday)	Chemistry (C-23+24) : Chapter-12 (Chemistry in Our Lives)	Daily Exam (M-11+12) MCQ (10×1=10); 10 min					
09 May 2024 (Thursday)	Higher Math (H.M-21+22) : Chapter-09 (Exponential and Logarithmic Functions)	Daily Exam (C-23+24) MCQ (10×1=10); 10 min					
10 May 2024 (Friday)	Chapter wise Exam-26 : Math - Chapter-03 (Algebraic Expressions) CQ	(2×10=20); 50 min & MCQ (10×1=10); 10 min					
11 May 2024 (Saturday)	Chapter wise Exam-27 : Chemistry - Chapter-12 (Chemistry in Our Live	s) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min					
12 May 2024 (Sunday)	Physics (P-09+10) : Chapter-10 (Static Electricity)	Daily Exam (H.M-21+22) MCQ (10×1=10); 10 min					
13 May 2024 (Monday)	Biology(B-03+04) : Chapter-09 (Firmness and Locomotion)	Daily Exam (P-09+10) MCQ (10×1=10); 10 min					
14 May 2024 (Tuesday)	Math (M-31+32) : Chapter-13 (Finite Series)	Daily Exam (B-03+04) MCQ (10×1=10); 10 min					
15 May 2024 (Wednesday)	Chemistry (C-01+02) : Chapter-09 (Acid-Base Balance)	Daily Exam (M-31+32) MCQ (10×1=10); 10 min					
16 May 2024 (Thursday)	Higher Math (H.M-31+32) : Chapter-12 (Planer Vector)	Daily Exam (C-01+02) MCQ (10×1=10); 10 min					
17 May 2024 (Friday)	Chapter wise Exam-28 : Biology - Chapter-09 (Firmness and Locomoti	on) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min					
18 May 2024 (Saturday)	Chapter wise Exam-29 : Higher Math - Chapter-09 (Exponential and Logarithmic	Functions) CQ (2×10=20); 50 min & MCQ (10×1=10); 10 min					
19 May 2024 (Sunday)	Physics (P-11+12) : Chapter-10 (Static Electricity)	Daily Exam (H.M-31+32) MCQ (10×1=10); 10 min					
20 May 2024 (Monday)	Higher Math (H.M-33+34) : Chapter-12 (Planer Vector)	Daily Exam (P-11+12) MCQ (10×1=10); 10 min					
21 May 2024 (Tuesday)	Math (M-33+34) : Chapter-13 (Finite Series)	Daily Exam (H.M-33+34) MCQ (10×1=10); 10 min					
22 May 2024 (Wednesday)	Higher Math (H.M-35+36) : Chapter-13 (Solid Geometry)	Daily Exam (M-33+34) MCQ (10×1=10); 10 min					
23 May 2024 (Thursday)	Chemistry (C-03+04) : Chapter-09 (Acid-Base Balance)	Daily Exam (H.M-35+36) MCQ (10×1=10); 10 min					
24 May 2024 (Friday)	Chapter wise Exam-30 : Physics - Chapter-10 (Static Electricity) CQ (2×10=						
25 May 2024 (Saturday)	Chapter wise Exam-31 : Higher Math - Chapter-12 (Planer Vector) CQ (	(2×10=20); 50 min & MCQ (10×1=10); 10 min					
26 May 2024 (Sunday)	Physics (P-27+28) : Chapter-14 (Physics to Save Life)	Daily Exam (C-03+04) MCQ (10×1=10); 10 min					
27 May 2024 (Monday)	Math (M-45+46) : Chapter-16 (Mensuration)	Daily Exam (P-27+28) MCQ (10×1=10); 10 min					
28 May 2024 (Tuesday)	Math (M-47+48) : Chapter-16 (Mensuration)	Daily Exam (M-45+46) MCQ (10×1=10); 10 min					
29 May 2024 (Wednesday)	ICT (ICT-09+10) : Chapter-06 (The Use of Database)	Daily Exam (M-47+48) MCQ (10×1=10); 10 min					
30 May 2024 (Thursday)	Higher Math (H.M-37+38) : Chapter-13 (Solid Geometry)	Daily Exam (ICT-09+10) MCQ (10×1=10); 10 min					
31 May 2024 (Friday)	Chapter wise Exam-32 : Chemistry - Chapter-09 (Acid-Base Balance) C	Q (2×10=20); 50 min & MCQ (10×1=10); 10 min					
01 June 2024 (Saturday)	Chapter wise Exam-33: Math - Chapter-13 (Finite Series) CQ (2×10=20)	); 50 min & MCQ (10×1=10); 10 min					
02 June 2024 (Sunday)	Math (M-49+50) : Chapter-17 (Statistics)	Daily Exam (H.M-37+38) MCQ (10×1=10); 10 min					
03 June 2024 (Monday)	Chapter wise Exam-34 : Physics - Chapter-14 (Physics to Save Life) CQ	(2×10=20); 50 min & MCQ (10×1=10); 10 min					
04 June 2024 (Tuesday)	Higher Math (H.M-39+40) : Chapter-13 (Solid Geometry)	Daily Exam (M-49+50) MCQ (10×1=10); 10 min					
05 June 2024 (Wednesday)	Chapter wise Exam-35 : Math - Chapter-16 (Mensuration) CQ (2×10=20	); 50 min & MCQ (10×1=10); 10 min					
06 June 2024 (Thursday)	Math (M-51+52) : Chapter-17 (Statistics)	Daily Exam (H.M-39+40) MCQ (10×1=10); 10 min					
07 June 2024 (Friday)		Daily Exam (M-51+52) MCQ (10×1=10); 10 min					
08 June 2024 (Saturday)	Chapter wise Exam-36 : Higher Math - Chapter-13 (Solid Geometry) CC						
10 June 2024 (Monday)	Chapter wise Exam-37 : Math - Chapter-17 (Statistics) CQ (2×10=20); 50						
11 June 2024 (Thursday)	Chapter wise Exam-38 : ICT - Chapter-06 (Multimedia and Graphics) M						

## **Evaluation Test Routine**

Date & Day	Subject	Syllabus	Exam Type & Duration
23 June 2024 (Sunday)	Physics	Chapter- 09, 10, 11, 12, 13, 14	CQ (5×10=50); 2.30 Hrs & MCQ (25×1=25); 25 min
25 June 2024 (Tuesday)	Biology	Chapter- 09, 11, 12, 13, 14	CQ (5×10=50); 2.30 Hrs & MCQ (25×1=25); 25 min
27 June 2024 (Thursday)	Math	Chapter- 03, 08, 10, 11, 12, 13, 14, 15, 16, 17	CQ (7×10=70); 2.30 Hrs & MCQ (30×1=30); 30 min
29 June 2024 (Saturday)	Chemistry	Chapter- 09, 10, 11, 12	CQ (5×10=50); 2.30 Hrs & MCQ (25×1=25); 25 min
01 July 2024 (Monday)	H. Math	Chapter- 05, 06, 07, 08, 09, 10, 11, 12, 13, 14	CQ (5×10=50); 2.30 Hrs & MCQ (25×1=25); 25 min
02 July 2024 (Thurdsay)	ICT	Chapter- 05, 06	MCQ (25×1=25); 25 min

#### Syllabus - 03

Chapter-13 (Finite series)  M-32 (Finite series)  M-33 (Finite series)  M-34  Determining sums of terms in geometric series, Exercise 13.2 (1-5, 7, 8-11)  M-34  Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  M-45  Circumference of a circle, length of arc segment, area of a circle, example, work, exercise - 16.3 (10) comple  Chapter-16 (Mensuration)  M-47  Rectangular Solids, Cubes, Exercise - 16.4 (8-13)  M-48  Cylinder, Exercise - 16.4 (14-21)  M-49  Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  Chapter-17 (Statistics)  M-50  Determination of mean, Determination of arithmatic mean in short cut method  (Statistics)  M-51  Concept of median, Examples, Exercises- 17  M-52  Concept of mode, Examples, Exercises- 17  Biology Syllabus  Chapter  Chapter-09 (Firmness and Locomotion)  B-02  Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-03  Muscles, Roles of bones and muscles in human locomotion, Tendon, and ligament  B-04  Diseases of bones (Osteoporosis, Rheumatoid arthritis) (Review of the chapter)  Chapter-14  (Biotechnology)  B-22  Genetic engineering, Stages of the preparation of GMO or DNA recombinant, Genetic engineering in use	Syllabus - 03								
Celevation of Liquit   P.06   Convex lens (Nt a distance less than Flocal Length, Nt Flocal Length, December 10   P.09   Power of lens, Function of the Eye, Perception of colored objects	Physics Syllabus								
(Refraction of Light) P-06 Power of Iens, Function of the Eye, Perception of colored objects P-07 Charge, Static Electricity by Christon, Electrical induction (Static Electricity) P-09 Electroscope and electric force P-09 Mathematical problems on Electric Force, Electric Field, and Electric Potential P-10 Potential difference and mathematical problems P-11 Capacition and related problems, Uses of static electricity P-12 Revision of electric force, Electric potential, Potential difference, and capacitor Chapter 14 P-28 Contribution of Jagadish Chandra Boes, P.Ray, Ultrasonography, CT scan Chapter 14 P-28 MRI, Angiography, Endoscopy, ECG, ETF, Radin Therapy, Retopes Chapter 15 Contribution of Jagadish Chandra Boes, P.Ray, Ultrasonography, CT scan Chapter 16 Contribution of Jagadish Chandra Boes, P.Ray, Ultrasonography, CT scan Chapter 17 Contribution of Jagadish Chandra Boes, P.Ray, Ultrasonography, CT scan Chapter 18 Contribution of Jagadish Chandra Boes, P.Ray, Ultrasonography, CT scan Chapter 2 Contribution of Jagadish Chandra Boes, P.Ray, Ultrasonography, CT scan Chapter 2 Contribution of Jagadish Chandra Boes, P.Ray, Ultrasonography, CT scan Chapter 2 Contribution of Jagadish Chandra Boes, P.Ray, Ultrasonography, CT scan Chapter 2 Contribution of Jagadish Chandra Boes, P.Ray, Ultrasonography, CT scan Chapter 2 Contribution of P. Contribu	Chapter	Lecture							
Chapter 10 (Static Electricity) (Static Electricity) (Static Electricity) (Static Electricity) (Ph 10 (Ph 1	Chapter 09	P-05	Convex lens (At a distance less than Focal Length, At focal length, outside the focal length)						
P.08   Electroscope and electric force	(Refraction of Light)	P-06	Power of lens, Function of the Eye, Perception of colored objects						
Chapter 10   P-09   Mathematical problems on Electric Force, Electric Field, and Electric Potential (Static Electricity)   P-11   Capacitor and related problems, Uses of static electricity   P-12   Revision of electric force, Electric potential, protential difference, and capacitor   P-12   Revision of electric force, Electric potential, proteinal difference, and capacitor   P-13   MRI, Angiography, Endoscopy, ECG, ETT, Radio Therapy, Isotopes   MRI, Angiography, Endoscopy, ECG, ETT, Radio Therapy, Isotopes   MRI, Angiography, Endoscopy, ECG, ETT, Radio Therapy, Isotopes   P-28   MRI, Angiography, Endoscopy, ECG, ETT, Radio Therapy, Isotopes   P-28   Add, Bemanstrating properties of cliuse acids through experiments, The role of water in chemical propertie of adds. Alkali & Base, Properties of dilute bases   Discussed Topics (Lecture wise)   Potential of adds. Alkali & Base, Properties of dilute bases   Discussed Topics (Lecture wise)   Potential of adds. Alkali & Base, Properties of dilute bases   Discussed Topics (Lecture wise)   Potential of adds. Alkali & Base, Properties of dilute bases   Discussed Topics (Lecture wise)   Potential of adds. Alkali & Base, Properties of dilute bases   Discussed Properties of Capacitory   Potential of Alkali & Base, Properties of Alkali, Corrosive properties of concentrated acids and alkalis   Potential properties of concentrated acids and alkalis   Potential properties of Alkali, Corrosive   Potential of Alkalis   Potential of Capacitory		P-07	Charge, Static Electricity by friction, Electrical induction						
(Static Electricity) P-10 Potential difference and mathematical problems P-11 Capacitor and related problems. Uses of static electricity P-12 Revision of electric force, Electric potential, Potential difference, and capacitor P-13 Revision of electric force, Electric potential, Potential difference, and capacitor P-14 Revision of Standard Rose, RANA, Ultrasonography, CT Scan  Chapter V Chapter V Chapter P (Acid, Demonstrating properties of diffuse acids through experiments, The role of water in chemical properties of acids, Alkali & Base, Properties of diffuse bases P-10 Acid, Demonstrating properties of diffuse acids through experiments, The role of water in chemical properties of acids, Alkali & Base, Properties of diffuse acids through experiments, The role of water in chemical properties of acids, Alkali & Base, Properties of diffuse acids through experiments, The role of water in chemical properties of acids acids acids acids acids through experiments, The role of water in chemical properties of diffuse acids through experiments, The role of water in chemical properties of acids acids and acids acids acids and acids		P-08	Electroscope and electric force						
P-11   Capacitor and related problems, Uses of static electricity	Chapter 10	P-09	Mathematical problems on Electric Force, Electric Field, and Electric Potential						
Chapter 14	(Static Electricity)	P-10	Potential difference and mathematical problems						
Chapter 14		P-11	Capacitor and related problems, Uses of static electricity						
Chapter		P-12	Revision of electric force, Electric potential, Potential difference, and capacitor						
Chapter	Chapter 14	P-27	Contribution of Jagadish Chandra Bose, X-Ray, Ultrasonography, CT scan						
Chapter-9	(Physics to Save Life)	P-28	MRI, Angiography, Endoscopy, ECG, ETT, Radio Therapy, Isotopes						
C-01									
Chapter-9 (Acid-Base Balance)	Chapter	Lecture							
Chapter-9 (Acid-Base Balance)   C-02   Properties of concentrated acids and alkali		C-01							
Chapter-9									
C-03   Revision, the conception of pH, Measuring pH, importance of pH, Neutralization Reaction (Importance of Neutralization Reaction in daily life, Salt), Acid rain   C-04   Hardness of water, Water pollution & pollution control, Testing the purity of water and water purification, BOD, COD, Concept of Molarity   C-21   Soap, Detergent, and it's working mechanisms, Bleaching powder   Important reactions and working mechanisms (Revision)   C-22   Important reactions and working mechanisms (Revision)   Laboratory production of ammonia gas & Industrial production ammonia gas, Chemistry in agriculture & Industry   Preservative, Glass Cleaner, Toilet Cleaner	Chapter-9	C-02							
C-04   Hardness of water, Water pollution & pollution control, Testing the purity of water and water purification, BOD, COD, Concept of Molarity   C-21   Soap, Detergent, and it's working mechanism, Bleaching powder									
C-04   Hardness of water, Water pollution & pollution control, Testing the purity of water and water purification, BOD, COD, Concept of Molarity	(,	C-03							
Chapter-12 (Chemistry in Our Lives)  Chapter-12 (Chemistry in Our Lives)  C-24  Chapter-15 (Chemistry in Our Lives)  C-25  C-26  Chapter-16  C-27  Chapter-17 (Chemistry in Our Lives)  C-28  Chapter-18  Chapter-19  M-32  Chapter-19  Ch		6.04							
Chapter-12 (Chemistry in Our Lives)  C-23 Important reactions and working mechanisms (Revision)  Laboratory production of ammonia gas & Industrial production ammonia gas, Chemistry in agriculture & industry  C-24 Preservative, Glass Cleaner, Toilet Cleaner  Math Syllabus  Chapter M-09 Exercise - 3.1, 3.2  Chapter-03 (Algebraic Expressions)  M-10 Exercise - 3.5, Re-discussion)  M-11 Exercise - 3.5, Re-discussion)  M-12 Chapter-03 (Board Standard CQ & MCQ Question discussion)  M-13 Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise - 13.1(1-7, 9-18)  Chapter-13 (Finite series)  M-32 Exercise 13.18, 19-24)  (Finite series)  M-34 Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-17)  Chapter-16 (Mensuration)  M-47 Rectangular Solids, Cubes, Exercise - 16.4 (8-13)  M-48 Cylinder, Exercise - 16.4 (14-21)  M-49 Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  Chapter-17 (Statistics)  M-50 Determination of mean, Determination of arithmatic mean in short cut method  Chapter-19 (Statistics)  Chapter-09 (Firmness and Cubes)  Chapter-09 (Firmness and Cubes)  Chapter-19 (Search Search Search)  Chapter-19 (Search Search Search)  Chapter-19 (Search Search Search)  Chapter-19 (Search Search Search Search)  Chapter-19 (Search Search		C-04	BOD, COD, Concept of Molarity						
C.23   Laboratory production of ammonia gas & Industrial production ammonia gas, Chemistry in agriculture & industry		C-21	Soap, Detergent, and it's working mechanism, Bleaching powder						
Chapter	Chanter-12	C-22							
C-24   Preservative, Glass Cleaner, Toilet Cleaner		C-23							
Chapter		C-24							
Chapter-03									
M-09   Exercise - 3.1, 3.2	Chapter	Locturo							
Chapter-03 (Algebraic Expressions)									
M-11   Exercise - 3.5 (Re-discussion)   M-12   Chapter-03 (Board Standard CQ & MCQ Question discussion)	Gillap GG.								
M-12   Chapter-03 (Board Standard CQ & MCQ Question discussion)   Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples, General term of arithmetic series, Sum of n terms of arithmetic series, Examples, General term of arithmetic series, Sum of n terms of terms of terms of terms of terms of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8-11)   M-34		M-09	Exercise – 3.1, 3.2						
Chapter-13	Chapter-03	M-09 M-10	Exercise – 3.1, 3.2 Exercise – 3.3, 3.4 (Re-discussion)						
Chapter-13 (Finite series)  M-32 (Finite series)  M-33 (Finite series)  M-34  Determining sums of terms in geometric series, Exercise 13.2 (1-5, 7, 8-11)  M-34  Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  M-45  Circumference of a circle, length of arc segment, area of a circle, example, work, exercise - 16.3 (10) comple  Chapter-16 (Mensuration)  M-47  Rectangular Solids, Cubes, Exercise - 16.4 (8-13)  M-48  Cylinder, Exercise - 16.4 (14-21)  M-49  Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  Chapter-17 (Statistics)  M-50  Determination of mean, Determination of arithmatic mean in short cut method  (Statistics)  M-51  Concept of median, Examples, Exercises- 17  M-52  Concept of mode, Examples, Exercises- 17  Biology Syllabus  Chapter  Chapter-09 (Firmness and Locomotion)  B-02  Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-03  Muscles, Roles of bones and muscles in human locomotion, Tendon, and ligament  B-04  Diseases of bones (Osteoporosis, Rheumatoid arthritis) (Review of the chapter)  Chapter-14  (Biotechnology)  B-22  Genetic engineering, Stages of the preparation of GMO or DNA recombinant, Genetic engineering in use	Chapter-03	M-09 M-10 M-11	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)						
Chapter-13 (Finite series)  M-32 Exercise 13.1(8, 19-24)  Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8-1)  M-34 Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  M-45 Circumference of a circle, length of arc segment, area of a circle, example, work, exercise - 16.3 (10) comple  M-46 Exercise - 16.3 (1-9)  M-47 Rectangular Solids, Cubes, Exercise - 16.4 (8-13)  M-48 Cylinder, Exercise- 16.4 (14-21)  M-49 Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  M-50 Determination of mean, Determination of arithmatic mean in short cut method  (Statistics) M-51 Concept of median, Examples, Exercises- 17  M-52 Concept of mode, Examples, Exercises- 17  Biology Syllabus  Chapter  Chapter-09 (Firmness and Locomotion) B-01 Introductions of human skeleton, Role of skeleton in firmness and locomotion B-02 Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-03 Muscles, Roles of bones and muscles in human locomotion, Tendon, and ligament  B-04 Diseases of bones (Osteoporosis, Rheumatoid arthritis) (Review of the chapter)  Chapter-14 (Biotechnology) B-22 Genetic engineering, Stages of the preparation of GMO or DNA recombinant, Genetic engineering in use	Chapter-03	M-09 M-10 M-11 M-12	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)						
Hongo	Chapter-03	M-09 M-10 M-11 M-12	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of						
Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8-11)  M-34 Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  M-45 Circumference of a circle, length of arc segment, area of a circle, example, work, exercise - 16.3 (10) comple  M-46 Exercise - 16.3 (1-9)  (Mensuration)  M-47 Rectangular Solids, Cubes, Exercise - 16.4 (8-13)  M-48 Cylinder, Exercise- 16.4 (14-21)  M-49 Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  M-50 Determination of mean, Determination of arithmatic mean in short cut method  (Statistics)  M-51 Concept of median, Examples, Exercises- 17  M-52 Concept of mode, Examples, Exercises - 17  Biology Syllabus  Chapter  Chapter-09  (Firmness and Locomotion)  B-02 Bone, Cartilage, Joint (Synovial joint, Types of joint)  (Firmness and Locomotion)  B-03 Muscles, Roles of bones and muscles in human locomotion, Tendon, and ligament  B-04 Diseases of bones (Osteoporosis, Rheumatoid arthritis) (Review of the chapter)  Chapter-14  (Biotechnology)  B-22 Genetic engineering, Stages of the preparation of GMO or DNA recombinant, Genetic engineering in use	<b>Chapter-03</b> (Algebraic Expressions)	M-09 M-10 M-11 M-12 M-31	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise- 13.1(1-7, 9-18)						
M-34 Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  M-45 Circumference of a circle, length of arc segment, area of a circle, example, work, exercise - 16.3 (10) completed M-46 Exercise - 16.3 (1-9)  (Mensuration) M-47 Rectangular Solids, Cubes, Exercise - 16.4 (8-13)  M-48 Cylinder, Exercise - 16.4 (14-21)  M-49 Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  M-50 Determination of mean, Determination of arithmatic mean in short cut method  (Statistics) M-51 Concept of median, Examples, Exercises - 17  M-52 Concept of mode, Examples, Exercises - 17  Biology Syllabus  Chapter  Chapter-09 (Firmness and Locomotion)  B-01 Introductions of human skeleton, Role of skeleton in firmness and locomotion  B-02 Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-03 Muscles, Roles of bones and muscles in human locomotion, Tendon, and ligament  B-04 Diseases of bones (Osteoporosis, Rheumatoid arthritis) (Review of the chapter)  Chapter-14 (Biotechnology)  B-22 Genetic engineering, Stages of the preparation of GMO or DNA recombinant, Genetic engineering in use	Chapter-03 (Algebraic Expressions)  Chapter-13	M-09 M-10 M-11 M-12 M-31 M-32	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise-13.1(1-7, 9-18)  Exercise 13.1(8, 19-24)						
M-45   Circumference of a circle, length of arc segment, area of a circle, example, work, exercise - 16.3 (10) completed   M-46   Exercise - 16.3 (1-9)	Chapter-03 (Algebraic Expressions)  Chapter-13	M-09 M-10 M-11 M-12 M-31 M-32	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise- 13.1(1-7, 9-18)  Exercise 13.1(8, 19-24)  Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work,						
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Chapter-17 (Statistics)  M-49 Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  M-50 Determination of mean, Determination of arithmatic mean in short cut method  M-51 Concept of median, Examples, Exercises- 17 M-52 Concept of mode, Examples, Exercises - 17  Biology Syllabus  Chapter  Chapter-09 (Firmness and Locomotion) B-02 Bone, Cartilage, Joint (Synovial joint, Types of joint) B-03 Muscles, Roles of bones and muscles in human locomotion, Tendon, and ligament  B-04 Diseases of bones (Osteoporosis, Rheumatoid arthritis) (Review of the chapter)  Chapter-14 (Biotechnology) B-22 Genetic engineering, Stages of the preparation of GMO or DNA recombinant, Genetic engineering in use	Chapter-03 (Algebraic Expressions)  Chapter-13 (Finite series)	M-09 M-10 M-11 M-12 M-31 M-32 M-33 M-34 M-45	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise- 13.1(1-7, 9-18)  Exercise 13.1(8, 19-24)  Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8-11)  Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  Circumference of a circle, length of arc segment, area of a circle, example, work, exercise - 16.3 (10) complete						
Chapter-17 (Statistics)  M-50 Determination of mean, Determination of arithmatic mean in short cut method  M-51 Concept of median, Examples, Exercises-17  M-52 Concept of mode, Examples, Exercises - 17  Biology Syllabus  Chapter  Chapter-09 (Firmness and Locomotion)  (Firmness and Locomotion)  B-02 Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-03 Muscles, Roles of bones and muscles in human locomotion, Tendon, and ligament  B-04 Diseases of bones (Osteoporosis, Rheumatoid arthritis) (Review of the chapter)  Chapter-14 (Biotechnology)  B-22 Genetic engineering, Stages of the preparation of GMO or DNA recombinant, Genetic engineering in use	Chapter-03 (Algebraic Expressions)  Chapter-13 (Finite series)  Chapter-16	M-09 M-10 M-11 M-12 M-31 M-32 M-33 M-34 M-45 M-46	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise- 13.1(1-7, 9-18)  Exercise 13.1(8, 19-24)  Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8-11)  Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  Circumference of a circle, length of arc segment, area of a circle, example, work, exercise - 16.3 (10) complete Exercise – 16.3 (1-9)						
(Statistics)  M-51 Concept of median, Examples, Exercises-17  M-52 Concept of mode, Examples, Exercises - 17  Biology Syllabus  Chapter  Chapter-09 (Firmness and Locomotion)  (Firmness and Locomotion)  Chapter-14 (Biotechnology)  M-51 Concept of median, Examples, Exercises-17  Biology Syllabus  Discussed Topics (Lecture wise)  B-01 Introductions of human skeleton, Role of skeleton in firmness and locomotion  B-02 Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-03 Muscles, Roles of bones and muscles in human locomotion, Tendon, and ligament  B-04 Diseases of bones (Osteoporosis, Rheumatoid arthritis) (Review of the chapter)  Chapter-14 (Biotechnology)  B-22 Genetic engineering, Stages of the preparation of GMO or DNA recombinant, Genetic engineering in use	Chapter-03 (Algebraic Expressions)  Chapter-13 (Finite series)  Chapter-16	M-09 M-10 M-11 M-12 M-31 M-32 M-33 M-34 M-45 M-46 M-47	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise- 13.1(1-7, 9-18)  Exercise 13.1(8, 19-24)  Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8-11)  Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  Circumference of a circle, length of arc segment, area of a circle, example, work, exercise - 16.3 (10) complete Exercise - 16.3 (1-9)  Rectangular Solids, Cubes, Exercise - 16.4 (8-13)						
Biology Syllabus  Chapter Lecture Discussed Topics (Lecture wise)  Chapter-09 (Firmness and Locomotion)  (Firmness and Locomotion)  Chapter-14 (Biotechnology)  Chapter-14 (Biotechnology)  Chapter-14 (Biotechnology)  Chapter-15 (Chapter-16)  Biology Syllabus  Discussed Topics (Lecture wise)  Discussed Topics (Lecture wise)  (Lecture wise)  Discussed Topics (Lecture wise)  (Syllabus  Discussed Topics (Lecture wise)  B-01 (Introductions of human skeleton, Role of skeleton in firmness and locomotion  B-02 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-03 (Muscles, Roles of bones and muscles in human locomotion, Tendon, and ligament  Discussed Topics (Lecture wise)  B-04 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-05 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-06 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-07 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-08 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-09 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-09 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-09 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-09 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-09 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-09 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-09 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-09 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-09 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-09 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-09 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-09 (Bone, Cartilage, Joint (Synovial joint, Types of joint)  B-09 (Bone, Cartilage, Joint	Chapter-03 (Algebraic Expressions)  Chapter-13 (Finite series)  Chapter-16	M-09 M-10 M-11 M-12 M-31 M-32 M-33 M-34 M-45 M-46 M-47 M-48	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise-13.1(1-7, 9-18)  Exercise 13.1(8, 19-24)  Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8-11)  Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  Circumference of a circle, length of arc segment, area of a circle, example, work, exercise - 16.3 (10) complete Exercise – 16.3 (1-9)  Rectangular Solids, Cubes, Exercise - 16.4 (8-13)  Cylinder, Exercise-16.4 (14-21)						
Chapter Lecture Discussed Topics (Lecture wise)  Chapter-09 (Firmness and Locomotion)  Chapter-14 (Biotechnology)  Biology Syllabus  Discussed Topics (Lecture wise)  Discussed Topics (Lecture wise)  Discussed Topics (Lecture wise)  Security  Discussed Topics (Lecture wise)  Discussed Topics (Lecture wise)  Security  Discussed Topics (Lecture wise)  B-01  B-01  Discussed Topics (Lecture wise)  B-02  B-03  Discussed Topics (Lecture wise)  Discussed Topics (Lecture wise)  Discussed Topics (Lecture wise)  B-04  Discussed Topics (Lecture wise)  Discussed Topic	Chapter-03 (Algebraic Expressions)  Chapter-13 (Finite series)  Chapter-16 (Mensuration)	M-09 M-10 M-11 M-12 M-31 M-32 M-33 M-34 M-45 M-45 M-46 M-47 M-48 M-49	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise-13.1(1-7, 9-18)  Exercise 13.1(8, 19-24)  Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8-11)  Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  Circumference of a circle, length of arc segment, area of a circle, example, work, exercise - 16.3 (10) complete Exercise – 16.3 (1-9)  Rectangular Solids, Cubes, Exercise - 16.4 (8-13)  Cylinder, Exercise- 16.4 (14-21)  Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  Determination of mean, Determination of arithmatic mean in short cut method						
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(Firmness and Locomotion)  B-03	Chapter-03 (Algebraic Expressions)  Chapter-13 (Finite series)  Chapter-16 (Mensuration)  Chapter-17 (Statistics)	M-09 M-10 M-11 M-12 M-31 M-32 M-33 M-34 M-45 M-46 M-47 M-48 M-49 M-50 M-51 M-52	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise- 13.1(1-7, 9-18)  Exercise 13.1(8, 19-24)  Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8-11)  Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  Circumference of a circle, length of arc segment, area of a circle, example, work, exercise – 16.3 (10) complete Exercise – 16.3 (1-9)  Rectangular Solids, Cubes, Exercise – 16.4 (8-13)  Cylinder, Exercise- 16.4 (14-21)  Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  Determination of mean, Determination of arithmatic mean in short cut method  Concept of median, Examples, Exercises - 17  Concept of mode, Examples, Exercises - 17						
Hormness and Locomotion)  B-03 Muscles, Roles of bones and muscles in human locomotion, Tendon, and ligament  B-04 Diseases of bones (Osteoporosis, Rheumatoid arthritis) (Review of the chapter)  Chapter-14 (Biotechnology)  B-21 Biotechnology, Stages of Tissue culture, Uses of tissue culture  (Biotechnology)  B-22 Genetic engineering, Stages of the preparation of GMO or DNA recombinant, Genetic engineering in use	Chapter-03 (Algebraic Expressions)  Chapter-13 (Finite series)  Chapter-16 (Mensuration)  Chapter-17 (Statistics)	M-09 M-10 M-11 M-12 M-31 M-32 M-33 M-34 M-45 M-46 M-47 M-48 M-49 M-50 M-51 M-52  Lecture	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise-13.1(1-7, 9-18)  Exercise 13.1(8, 19-24)  Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8-11)  Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  Circumference of a circle, length of arc segment, area of a circle, example, work, exercise - 16.3 (10) complete Exercise – 16.3 (1-9)  Rectangular Solids, Cubes, Exercise - 16.4 (8-13)  Cylinder, Exercise-16.4 (14-21)  Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  Determination of mean, Determination of arithmatic mean in short cut method  Concept of median, Examples, Exercises - 17  Concept of mode, Examples, Exercises - 17  Biology Syllabus  Discussed Topics (Lecture wise)						
B-04 Diseases of bones (Osteoporosis, Rheumatoid arthritis) (Review of the chapter)  Chapter-14 B-21 Biotechnology, Stages of Tissue culture, Uses of tissue culture  (Biotechnology) B-22 Genetic engineering, Stages of the preparation of GMO or DNA recombinant, Genetic engineering in use	Chapter-03 (Algebraic Expressions)  Chapter-13 (Finite series)  Chapter-16 (Mensuration)  Chapter-17 (Statistics)  Chapter Chapter Chapter	M-09 M-10 M-11 M-12 M-31 M-32 M-33 M-34 M-45 M-46 M-47 M-48 M-49 M-50 M-51 M-52  Lecture B-01	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise-13.1(1-7, 9-18)  Exercise 13.1(8, 19-24)  Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8-11)  Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  Circumference of a circle, length of arc segment, area of a circle, example, work, exercise – 16.3 (10) complete Exercise – 16.3 (1-9)  Rectangular Solids, Cubes, Exercise – 16.4 (8-13)  Cylinder, Exercise- 16.4 (14-21)  Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  Determination of mean, Determination of arithmatic mean in short cut method  Concept of mode, Examples, Exercises - 17  Concept of mode, Examples, Exercises - 17  Biology Syllabus  Discussed Topics (Lecture wise)  Introductions of human skeleton, Role of skeleton in firmness and locomotion						
Chapter-14B-21Biotechnology, Stages of Tissue culture, Uses of tissue culture(Biotechnology)B-22Genetic engineering, Stages of the preparation of GMO or DNA recombinant, Genetic engineering in use	Chapter-03 (Algebraic Expressions)  Chapter-13 (Finite series)  Chapter-16 (Mensuration)  Chapter-17 (Statistics)  Chapter Chapter Chapter-09 (Firmness and	M-09 M-10 M-11 M-12 M-31 M-32 M-33 M-34 M-45 M-46 M-47 M-48 M-49 M-50 M-51 M-52  Lecture B-01 B-02	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise- 13.1(1-7, 9-18)  Exercise 13.1(8, 19-24)  Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8-11)  Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  Circumference of a circle, length of arc segment, area of a circle, example, work, exercise – 16.3 (10) complete Exercise – 16.3 (1-9)  Rectangular Solids, Cubes, Exercise – 16.4 (8-13)  Cylinder, Exercise- 16.4 (14-21)  Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  Determination of mean, Determination of arithmatic mean in short cut method  Concept of median, Examples, Exercises – 17  Concept of mode, Examples, Exercises – 17  Biology Syllabus  Discussed Topics (Lecture wise)  Introductions of human skeleton, Role of skeleton in firmness and locomotion  Bone, Cartilage, Joint (Synovial joint, Types of joint)						
(Biotechnology) B-22 Genetic engineering, Stages of the preparation of GMO or DNA recombinant, Genetic engineering in use	Chapter-03 (Algebraic Expressions)  Chapter-13 (Finite series)  Chapter-16 (Mensuration)  Chapter-17 (Statistics)  Chapter Chapter Chapter-09 (Firmness and	M-09 M-10 M-11 M-12 M-31 M-32 M-33 M-34 M-45 M-46 M-47 M-48 M-49 M-50 M-51 M-52  Lecture B-01 B-02 B-03	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise – 13.1(1-7, 9-18)  Exercise 13.1(8, 19-24)  Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8-11)  Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  Circumference of a circle, length of arc segment, area of a circle, example, work, exercise – 16.3 (10) complete Exercise – 16.3 (1-9)  Rectangular Solids, Cubes, Exercise – 16.4 (8-13)  Cylinder, Exercise- 16.4 (14-21)  Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  Determination of mean, Determination of arithmatic mean in short cut method  Concept of median, Examples, Exercises- 17  Concept of mode, Examples, Exercises - 17  Biology Syllabus  Discussed Topics (Lecture wise)  Introductions of human skeleton, Role of skeleton in firmness and locomotion  Bone, Cartilage, Joint (Synovial joint, Types of joint)  Muscles, Roles of bones and muscles in human locomotion, Tendon, and ligament						
107 a. U. I.	Chapter-03 (Algebraic Expressions)  Chapter-13 (Finite series)  Chapter-16 (Mensuration)  Chapter-17 (Statistics)  Chapter Chapter Chapter-09 (Firmness and Locomotion)	M-09 M-10 M-11 M-12 M-31 M-32 M-33 M-34 M-45 M-46 M-47 M-48 M-49 M-50 M-51 M-52  Lecture B-01 B-02 B-03 B-04	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise – 13.1 (1-7, 9-18)  Exercise 13.1 (8, 19-24)  Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise–13.2 (1-5, 7, 8-11)  Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  Circumference of a circle, length of arc segment, area of a circle, example, work, exercise – 16.3 (10) complete Exercise – 16.3 (1-9)  Rectangular Solids, Cubes, Exercise – 16.4 (8-13)  Cylinder, Exercise–16.4 (14-21)  Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  Determination of mean, Determination of arithmatic mean in short cut method  Concept of mode, Examples, Exercises – 17  Concept of mode, Examples, Exercises – 17  Biology Syllabus  Discussed Topics (Lecture wise)  Introductions of human skeleton, Role of skeleton in firmness and locomotion  Bone, Cartilage, Joint (Synovial joint, Types of joint)  Muscles, Roles of bones and muscles in human locomotion, Tendon, and ligament  Diseases of bones (Osteoporosis, Rheumatoid arthritis) (Review of the chapter)						
ICT Syllabus	Chapter-03 (Algebraic Expressions)  Chapter-13 (Finite series)  Chapter-16 (Mensuration)  Chapter-17 (Statistics)  Chapter  Chapter  Chapter  Chapter-09 (Firmness and Locomotion)  Chapter-14	M-09 M-10 M-11 M-12 M-31 M-32 M-33 M-34 M-45 M-46 M-47 M-48 M-49 M-50 M-51 M-52  Lecture B-01 B-02 B-03 B-04 B-21	Exercise – 3.1, 3.2  Exercise – 3.3, 3.4 (Re-discussion)  Exercise – 3.5 (Re-discussion)  Chapter-03 (Board Standard CQ & MCQ Question discussion)  Sequences, Series, Arithmetic series, Determination of general term of arithmetic series, Sum of n terms of arithmetic series, Examples (1-6), Exercise-13.1(1-7, 9-18)  Exercise 13.1(8, 19-24)  Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8-11)  Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)  Circumference of a circle, length of arc segment, area of a circle, example, work, exercise – 16.3 (10) complete Exercise – 16.3 (1-9)  Rectangular Solids, Cubes, Exercise – 16.4 (8-13)  Cylinder, Exercise-16.4 (14-21)  Cumulative frequency, frequency distribution table, Mass Polygons, Ogive curve  Determination of mean, Determination of arithmatic mean in short cut method  Concept of median, Examples, Exercises – 17  Concept of mode, Examples, Exercises – 17  Biology Syllabus  Discussed Topics (Lecture wise)  Introductions of human skeleton, Role of skeleton in firmness and locomotion  Bone, Cartilage, Joint (Synovial joint, Types of joint)  Muscles, Roles of bones and muscles in human locomotion, Tendon, and ligament  Diseases of bones (Osteoporosis, Rheumatoid arthritis) (Review of the chapter)  Biotechnology, Stages of Tissue culture, Uses of tissue culture						

**Discussed Topics (Lecture wise)** 

Alphabetical and Cardinal sorting of Data, Searching Information, Searching Conditional Information,

Searching Information based on Village name, Viewing Records of More Villages, Searching Information

Collecting and Saving Information in Query Method, Collecting Information Based on Villages and Union in

Chapter

Chapter 06

(The Use of Database)

Lecture

based on Male/Female, Query and Report

Query Process, Adding Gridlines to Report

ICT-09

ICT-10

Higher Math Syllabus							
Chapter	Lecture	Discussed Topics (Lecture wise)					
Chapter-09	H.M-19	Examples (18-29), Work on page 211					
(Exponential	H.M-20	Exercise-9.2 (a, b, c, d, e of 6 and 7)					
and Logarithmic	H.M-21	Exercise-9.2 (f, g, h of 7), Examples (31, 33), Exercise-9.2 (10, 11, 12)					
Functions)	H.M-22	Logarithmic and absolute value functions, Graph of functions, Exercise-9.2 (8, 9, 13, 14, 15)					
Chapter-12	H.M-31	Equality of vectors, inverse vectors, addition and subtraction of vectors, rules of addition of vectors, scalar multiplication of vectors, distributive law for scalar multiplication of vectors, law of triangle and parallelogram, Examples-1, 2					
(Planar Vector)	H.M-32	(1-8, 10, 12) of Exercise-12, Example-4					
	H.M-33	Position vectors, Example-3, 5, Exercise-12(9, 11)					
	H.M-34	(13-16) of Exercise-12					
	H.M-35	Some basic definitions, solids, volume and surface area of rectangular solids, cube, Exercise-13 (7-9), H Exercise-13 (31)					
Showton 40	H.M-36	Exercise-13 (10, 21-23), Right circular cone, Exercise-13 (11-13, 24) HW: Exercise-13 (32)					
<b>Chapter-13</b> (Solid Geometry)	H.M-37	Sphere, Exercise-13 (14-20)					
	H.M-38	Prism, pyramid, example					
	H.M-39	Exercise-13 (25-28)					
	H.M-40	Rectangular Solids, Exercise-13 (1-6 and 29, 30)					

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