

HIM ACADEMY PUBLIC SCHOOL

HAPS VN		Time : 10:00 am to 12:00 noon	
Online Revision Test - Class 11 th			
Date	11th Science	11 Commerce	
27-12-2020	Physics (10:00 am to 11:00am), Chemistry (11:00 am to 12:00 noon)	Account (10:00 am to 11:00am), B. Study (11:00 am to 12:00 noon)	
Syllabus for RT-06 on 27-12-2020	Physics <ul style="list-style-type: none"> • Thermodynamics • Laws of motion • Work power and energy • System of particles • Oscillation and waves 	Account <ol style="list-style-type: none"> 1. Financial Statements -I (Without Adjustments) 2. Financial Statements - II (With Adjustment) 3. Accounts from Incomplete Records 4. Computers in Accounting 	
	Chemistry <ol style="list-style-type: none"> 1. Redox Reaction 2. Basic Principles of organic chemistry 3. Hydrocarbons 	B. Study Units- 7 Sources of Business Finance Unit- 8 Small Business	



Revision Strategy of Revision Test-06(27th Dec.2020) for Science &Commerce class11th

Dear students

Following are subject wise important questions for forthcoming revision test. All of you are advised to go through it and pay more attention to these questions while preparing yourself for RT-06.

Subject: Physics

Chapter no.	Name of chapter	NCERT	Important Questions from Question Bank
5	Laws of motion	5.3,5.5,5.6,5.7, 5.13,5.15	11,13,30,33,34,36,37,38,39, 63,65,74,94,100,118,119,12 0,173,176,220,221
6	Work power and energy	6.2,6.9,6.10, 6.11,6.14	1,2,3,4,5,6,7,17,31,46,47,70, 88,89,107,149, 154,182
7	System of particles and Rotational motion	7.9,7.10,7.14	1,5,7,11,64,69,70,74, 90,95,117,118,119, 121,125,132,138
12	Thermodynamics	12.1,12.2,12.3,12.7	1,2,3,4,5,6,7,34,36,39,43,44, 45,46,48,75,94,89,95,116,12 0,121, 129,160,161
14	Oscillations	14.1,14.4,14.7,14.8	1,3,4,10,36,52,53,54, 70,71,72,87,90,92,118,130,1 32,145,156,185,186
15	Waves	15.4,15.8	1,5,32,34,39,58,63,65,79,80, 82

Subject: Chemistry

Unit no.	Unit Name	Topics	NCERT questions	Question bank
8	Redox Reaction	Reduction, oxidation, Reducing agent, oxidizing agent, Electrochemical cell, Electrochemical series.	<u>NCERT solved Problems:</u> NCERT problems 8.1-8.7 <u>Main exercise:</u> 8.1--8.9	Question no. 1,3,7,8,19,21,23 24-28,33-47 85,86,87
12	organic chemistry some basic principles and techniques.	IUPAC nomenclature, Reaction intermediates, Reagents, Bond fession Types of effects	<u>NCERT solved problems 12.1-12.19</u> <u>Main exercise:</u> 12.1-12.17	37-62,87,92,100-124
13	Hydrocarbons	Alkanes IUPAC nomenclature Preparation, physical properties, chemical properties Alkenes IUPAC nomenclature, Preparation, physical properties, chemical properties Alkynes IUPAC nomenclature, Preparation, physical properties, chemical properties.	<u>NCERT solved Problems 13.1-13.14</u> <u>NCERT exercise 13.1-13.25</u> 6.1, 6.5, 6.7,6.8,6.9,6.10, 6.11,6.12,6.13 <u>Main exercise:</u> 1 to 8,13 to 18.	1-115

Subject: ACCOUNTANCY

Name of chapters	Do practice of following questions of TSGrewal book for RT-6 of Accountancy
Financial Statements -I (Without Adjustments)	Illustrations 1to 23 HOTQ 1 to13 MCQ i to xxxi VSATQ 1 to 53 SATQ 15-26 Practical problems 1-14,27,28,29
Financial Statements - II (With Adjustment)	Illustrations 1to 21 HOTQ 1 to15 MCQ i to xliii VSATQ 1 to 18 Practical problems 1 to 12
Accounts from Incomplete Records	Illustration 11 HOTQ 1-5 MCQ i to xiv VSATQ 1 to 8 SATQ1 to 7 Practical problems 1to 18
Computers in Accounting	MCQ i to iii VSATQ 1 to 3 SATQ1 ,2,4,5,7,8,9,11,12,13

MCQ-----Multiple choice questions

HOTQ---High order thinking questions

VSATQ----Very short answer type questions

SATQ---Short answer type questions

Subject: Business Studies**Chapter -7****Sources of Business Finance****Short Answer Questions**

1. What is business finance? Why do businesses need funds? Explain.
2. List sources of raising long-term and short-term finance.
3. What is the difference between internal and external sources of raising funds? Explain.
4. What preferential rights are enjoyed by preference shareholders. Explain.
5. What are financial institutions and state their objectives.
6. What is the difference between GDR and ADR? Explain.

Long Answer Questions

1. Explain trade credit and bank credit as sources of short-term finance for business enterprises.
2. Discuss the sources from which a large industrial enterprise can raise capital for financing expansion.
3. What advantages does issue of debentures provide over the issue of equity shares?
4. State the merits and demerits of public deposits and retained earnings as methods of business finance.
5. Discuss the financial instruments used in international financing.
6. What is a commercial paper? What are its advantages and limitations.

Chapter -8

Small business & Entrepreneurship

Short Answer Questions

1. What are the different parameters used to measure the size of business?
2. What is the definition used by Government of India for Small Scale Industries?
3. How would you differentiate between a traditional unit and a modern unit?
4. State the features of cottage industries.

Long Answer Questions

1. How do small scale industries contribute to the socio-economic development of India ?
2. Describe the role of small business in rural India.
3. Discuss the problems faced by small scale industries.
4. What measures has the government taken to solve the problem of finance and marketing in the small scale sector?
5. What are the incentives provided by the Government for industries in backward and hilly areas?



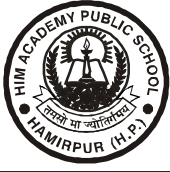
HIM ACADEMY PUBLIC SCHOOL

HAPS VN

Time : 10:00 am to 1:00 pm

Online Revision Test - Class 12th

Date	12th Science	12th Commerce
27/12/2020	Maths/Bio(10:00 am to 11:00am), English(11:00 am to 12:00 noon), P. Ed/ IP(12:00 noon to 1:00pm)	Economics (10:00 am to 11:00am), English(11:00 am to 12:00 noon), P. Ed/ IP/ Maths(12:00 noon to 1:00pm)
Syllabus for RT on 27-12-2020	<u>MATHS</u> 1. Relations and Functions 2. Matrices 3. Determinants	<u>MATHS</u> Chapter 1 : Relations and Functions Chapter 2 : Inverse Trigonometric Functions Chapter 3: Matrices Chapter-4 : Determinants Chapter-13 : Probability
	<u>BIOLOGY</u> Chapter 11: Biotechnology: Principles and Processes Chapter 12: Biotechnology and Its Applications	<u>ECONOMICS</u> UNIT-1: National income and related aggregates UNIT-2: Money and banking UNIT-4: Govt. Budget and the economy
	<u>ENGLISH</u> Writing Skill Notice/Advertisement Letter writing (Job Application, Letter to the Editor for suggestions or opinion on issues of public interest) Article/Report Writing	
	<u>P. Ed</u> UNIT-2 Sports & Nutrition UNIT-5 Children & Women in Sports UNIT-3 Yoga & Life Style UNIT-4 Physical Education & Sports for CWSN	
	<u>IP</u> All concepts of Mysql.	



HIM ACADEMY PUBLIC SCHOOL

HAPS VN

Dated: 21/12/2020

Revision Strategy of Revision Test-6(27th December, 2020) for Science & Commerce Class 12th

Dear students

Following are subject wise important questions for forth coming revision test. All of you are advised to go through it and pay more attention to these questions while preparing yourself for RT-6.

Subject: Mathematics

S.No	Chapter Name	NCERT Questions	Exemplar
1	Relations & functions	Ex.1.1-Q.no 3,4,13,14,15 Ex.1.2- 2,4,6,7,12 Ex.1.3 –deleted Ex.1.4-1,3,5,9,10,11 Misc. -1,3,5,7,10,12,14	Example no. 2,4,6,7,11,12,13,16
2	Matrices	Ex 3.1 – 2,5,8,9 Ex 3.2- 3,5,6,8,10,14,16,18,20 Ex. 3.3 -2,4,8,11,12 Ex.3.4 -3,5,7,8,9,11,17 misc. -6,7,10,13,15	Example No.- 4,7,10 ,11,12
3	Determinants	Ex.4.1--2,3 ,4,5 Ex.4.2--2,4,5,9,11,13 Ex.4.3—1,3,5 Ex.4.4—2,4 Ex.4.5—6,7,11,13,15 misc. -1,3,6,7,12,14	Example no. -4,5,9,15,17

Subject: Biology

Chapter Number	Name of chapter	NCERT questions	Imp. Question from Question bank
Chapter- 11	Biotechnology : Principles and Processes	All questions	3,4,5,6,8, 9 10, 11, 12, 13, 15, 17, 19, 21, 22, 23-27,30, 32, 34, 35, 37, 38, 39, 41, 43, 46, 47, 48, 52, 56, 59, 60, 62, 65, 66, 69, 70, 71, 73, 74, 80, 81,83,85,87,93,94.
Chapter- 12	Biotechnology and Its Applications	All questions	1-10, 12, 13, 14, 15, 16, 18, 21, 22, 25, 26, 28, 31, 32, 33, 37, 41, 43, 44, 46, 47, 48, 49, 55, 57, 61-68, 70,75-79,80,84,87 ,92-95.

Subject: Physical Education

UNIT - 2	MCQ QUESTIONS 1 TO 22 VERY SHORT Q. Q.1 TO Q.27 SHORT Q.1 TO 18 LONG Q.1 TO 11	UNIT -3	MCQ Q.1 TO 18 VERY SHORT Q.1 TO Q.13 SHORT Q.1 TO Q.13 LONG Q.1 TO Q.7
UNIT -4	MCQ Q.1 TO Q.10 VERY SHORT Q.1 TO Q.17 SHORT Q. 1 TO Q.9. LONG Q.1 TO Q. 10	UNIT - 5	MCQ. Q.1 TO Q.28 VERY SHORT Q . 1 TO Q.24. SHORT Q. 1 TO Q.9,Q.16,17,19 LONG Q.1 TO Q.8 ,Q.10

Subject: Informatics Practices

Chapter- 3: Plotting with PyPlot

Page No. 162 to 175 All about line chart

Page No. 182 to 191 All about bar chart

Page No. 199 to 213 All about title, ticks for axis, legends, Histograms etc.

Subject: Economics

Chapter No.	Name of chapter	Reference book (CBSE questions - past 5 years)
Chapter-2	Some Basic Concept Of Macro Economics	Pg.no.47 Q.no. 1 to 12
Chapter-3	National income and related aggregates	Pg.no.74 Q.no. 1,2,3,4,10, 12,13,16,20,21,22,23,24,25,26,27,28,29
Chapter-4	Methods of calculating National income	Pg.no.115 1,2,3,4,5,6,7,8,9,12,15,16,18,20,22,23,25,29,31,32,37,38,39,40,42,44,45,50,51, 52

Subject: Mathematics (Commerce)

Chapter Name	NCERT Exercises	Exampler
Chapter-3 (Matrices)	Exercise: 3.1 – Q. No. 2, 3, 4 (iii), Q. 5 (i), Q.6(ii), Q.10	Q. No. 2, 4, 20(ii), 22, 28 Miscellaneous Exercise: Q. No. 4, 6, 13, 14, 15
	Exercise: 3.2 – Q. 7(ii), Q. 11, 12, 21, 22	
	Exercise: 3.3– Q.3(ii), Q. 7(i), Q.8(ii), 11, 12	
	Exercise: 3.4– Q.2, 5, 6, 14	
Chapter-4 (Determinants)	Exercise: 4.1 – Q. No. 2(ii), Q. NO. 5 (iii), 8	Q. No. 5, 10, 11, 14, 15, 18, 28, 31, 34 Miscellaneous Exercise: Q. No. 2, 5, 6, 11, 13, 17
	Exercise: 4.2 – Q. No. 4, 7, 8(ii), Q. No. 9-15	
	Exercise: 4.3 – Q. No. 2, 4(ii), 5	
	Exercise: 4.5 – Q. No. 9, 12, 13, 17	
	Exercise: 4.6 – Q. No. 6, 12, 13, 15	
Chapter-2 (Inverse Trigonometric Functions)	Exercise: 2.1 – Q. No. 2, 4, 8, 12, 14	Q. No. 2, 3, 5, 7, 9, 11, 13 Miscellaneous Exercise: Q. No. 2, 4, 5, 7, 9, 10, 12, 16, 17
	Exercise: 2.2 Q. No. 1, 3, 5, 7, 8, 11, 13, 15, 17, 19, 21	
Chapter-13 (Probability)	Exercise: 13.1 – Q. No. 3, 5, 8, 14, 16, 17	Q. No. 16, 17, 18, 21 Miscellaneous Exercise: Q. No. 3, 5, 7, 8, 16
	Exercise: 13.2 – Q. No. 2, 4, 7, 11, 13, 17	
	Exercise: 13.3 – Q. No. 1, 2, 6, 9, 12	

Subject: English

Writing Section

- Short writing task–Notice/Advertisement upto 50 words. One out of the two given questions to be answered.
- Short writing task – Formal Invitation and Reply upto 50 words. One out of the two given questions to be answered.
- Letters based on verbal/visual input, to be answered in approximately 120-150 words. Letter types include application for a job, Letters to the editor (giving suggestions or opinion on issues of public interest).One out of the two given questions to be answered.
- Article / Report Writing, descriptive and analytical immature, based on verbal inputs, to be answered in120-150 words. One out of the two given questions to be answered.