



HIM ACADEMY PUBLIC SCHOOL

HAPS VN

Dated: 22/11/2020

Revision Strategy of Revision Test-2 (29th November, 2020) for Class 12th

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-2.

Subject: Mathematics

Sr.No.	Chapter Name	Important Questions
1	Indefinite Integrals	Exercise- 7.1: Q. No. 10,13,15,18,20 Exercise- 7.2: Q. No. 3,9,12,25,36 Exercise- 7.3: Q. No. 6,13,17,18,22 Exercise- 7.4: Q. No. 3,18,19,23,24 Exercise- 7.5: Q. No. 4,13,17,18,19 Exercise- 7.6: Q. No. 14,16,17,20,22 Exercise- 7.7: Q. No. 4, 5, 8, 9 Exercise- 7.8: Q. No. 4,6
2	Definite Integrals	Exercise- 7.9: Q. No. 5,14,15,19,20 Exercise- 7.10: Q. No.4,5,6,8,9 Exercise- 7.11: Q. No. 2,8,12,16,18 MISC. 6,14,16, 21, 24, 25, 28, 32, 33
3	Application of Integrals	Exercise- 8.1: Q. No. 2, 5, 7,10 Exercise- 8.2: Q. No. 3,5,6 MISC. 3,7,12,13,15
4	Differential Equations	Exercise- 9.1: Q. No. 3, 4, 7, 9 Exercise- 9.2: Q. No. 6, 8,10 Exercise- 9.3: Q. No. 6, 8, 10 Exercise- 9.4: Q. No..4, 7, 8,10,12 Exercise- 9.5: Q. No. 17,18, 22 Exercise- 9.6: Q. No. 4, 5, 7,10,15 MISC. 5, 6, 13,16, 17

Subject: Biology

Learn and practise of following questions from question bank and ncert

NAME OF CHAPTER	NCERT EXERCISE	QUESTION BANK
Chapter-2 Sexual Reproduction in Flowering plants	Q.3,Q.4,Q.6,Q.7,Q.9,Q.10,Q.11, Q.13,Q.14,Q.15,Q.17,Q.18 + DARK WORDS + DIAGRAMS	Q.7,19, 20, 23, 24, 32, 39, 40, 41, 49, 63, 64, 67, 72, 75, 76, 85, 91,101,105, 96, 97, 101, 102, 103, 105, 111, 112, 114, 116, 117, 119, 120, 122, 124, 125, 126, 134, 135, 136, 137, 142, 144
Chapter -3 Human Reproduction	Q.2,Q.3,Q.4,Q.5,Q.6.Q.7,Q.8,Q.9, Q.10,Q.11,Q.12,Q.13,Q.14,Q.15, Q.17,Q.18 + DARK WORDS + DIAGRAMS	Q.6, Q.8, Q.15, Q.19, Q.20, Q.29, Q.37, Q.41, Q.52, Q.53, Q.60, Q.61, Q.68, Q.69, Q.70, Q.73, Q.74, Q.76, Q.86, Q.87, Q.88, Q.94, Q.98, Q.104, Q.119, Q.125, Q.126, Q.129
Chapter-4 Reproductive Health	Q.1,Q.2,Q.3,Q.4,Q.5,Q.6,Q.7,Q.8, Q.9,Q.10 + DARK WORDS WITHIN CHAPTER	Q.5, Q.9, Q.13, Q.18, Q.19, Q.26, Q.28, Q.41, Q.46, Q.49, Q.57, Q.63, Q.67, Q.72, Q.84, Q.85, Q.89, Q.92, Q.93, Q.94, Q.100

Subject: Physical Education

Unit	Unit Name	BOOKSP ImportantTopics	ImportantQuestions (P.N.-PageNo.)
8	Biomechanics & Sports	Meaning and importance of Biomechanics Types of Body Movements. Newton'sLaw	MCQ 1 to 20 (P.No. 205, 206) Very Short Q. Q.1, 2, 5, 6, 7, 8, 12 Long Types Que. Q.3,4 (P.N.208)
9	Psychology & Sports	Personality, it's types (Endomorph, Ectomorph, Mesomorph, Introverts, Exteroverts, Ambiverts Motivation Its types. Aggression.	MCQ 1to 18 (P.N.226 to 228) Very short Que. Q.1, 2, 3, 4, 5, 10, 14, 16, 17 (P.N.228) Short types Que.Q.2, 3, 5 (P.No. 229)
10	Training in Sport	Types of Physical Fitness Components. Types and methods to improve Strength, Endurance.(Isometric, isotonic, isokinetic, continuous, interval)	MCQ Q.1 to 22 (P.No. 254, 255) Very Short Que. Q.2 to 10 (P.No. 256)

Subject: Informatics Practices

Q.1 Answer the following: (each question is for 1 mark)

- If a DataFrame is created using a 2D dictionary, then the indexes/row labels are formed from....
 - Dictionary's values
 - Outer dictionary's keys
 - inner dictionary's keys
 - none of these
- To extract row/column from a DataFrame, _____ function may be used.
 - row()
 - column()
 - loc()
 - all of these
- To change the 5th column's value at 3rd row as 35 in dataframe DF, you can write...
 - DF[4,6]=35
 - DF.iat[4,6]=35
 - DF[3,5]=35
 - DF.iat[3,5]=35
- Which among the following options can be used to create a DataFrame in pandas?
 - A scalar value
 - A python dictionary
 - An ndarray
 - All of these
- To get the transpose of a DataFrame D1, you can write _____
 - D1.T
 - D1.swap
 - D1.Transpose
 - All of these

Q.2 Answer the following : (Each question is for 2 marks)

- Trying to extract the first 5 rows from the DataFrame x, someone has given code as :
`x.loc[0:5]`
But it is returning 6 rows. Why? Suggest the solution.
- What is following statement doing ?
`df.drop(df.columns[0],axis=1)`
- What is the difference between iat and at with respect to a DataFrame?
- What is the difference between iloc and loc with respect to a DataFrame?
- How would you delete rows from a DataFrame?

Q.3 Answer the following questions (each one is for 3 marks)

- What advantages does DataFrame offer over series datastructure? If you have similar data stored in multiple series and in a singleDataFrame, which one would you prefer and why ?
- Write a program to create a DataFrame storing salesmen details (name, zone, sales) of five salesmen.
- Write a program to read from a csv file Employee.csv and create a DataFrame from it.
- Write a program to read from a csv file Employee.csv and create a DataFrame from it but DataFrame should not use file's column header rather should use own column numbers as 0,1,2 and so on.

Q.4 Answer the following questions (each is for 4 marks)

- Write code statements for a DataFrame df for the following :
 - Delete an existing column from it.
 - Delete rows from 3 to 6 from it.
 - Check if the DataFrame has any missing values.
 - Fill all missing values with 999 in it.
- What are advantages of CSV file formats?

Subject: Economics

Chapter No.	Name of chapter	Reference book (past 5 years)	Imp. Questions from question bank
Chapter-7	Aggregate demand, Aggregate supply and related concepts	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20	4, 5, 8, 9, 13, 15, 16, 17, 18, 19, 20, 21
Chapter-8	Short run equilibrium	19, 23, 24, 26, 29, 30, 31, 33, 34, 35, 36, 37, 46, 47, 48, 49, 50, 52	22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37
Chapter-9	Deficient and excess demand	1 to 20	40, 41, 42, 43

Subject: Mathematics (Commerce)

Chapter Name	Important Questions	Exampler
Chapter-5 Continuity and Differentiability	Exercies-5.1: Q. No. 3, 7, 9, 13, 16, 18, 26, 28, 30	Q. No. 26, 27, 33, 38, 40, 41, 45, 48 Miscellaneous Ex. 3, 7, 9, 13, 16, 17
	Exercise-5.2: Q. No. 4, 6, 7, 10	
	Exercies-5.3: Q. No. 2, 4, 10, 12, 14, 15	
	Exercies-5.4: Q. No. 1, 3, 4, 9, 10	
	Exercies-5.5 : Q. No. 3, 4, 6, 8, 11, 13, 14	
	Exercies-5.6 : Q. No. 1, 4, 6, 11	
Chapter-9 Differential Equations	Exercies-5.7: Q. No. 3, 4, 6, 8, 12, 13, 14, 16	Q. No. 9, 11, 16, 17, 25, 26 Miscellaneous Ex. Q. No. 1, 2, (ii), (iv) Q. No. 6, 9, 10, 16
	Exercise-9.1 : Q. No. 3, 4, 7, 9	
	Exercies-9.2: Q. No. 6, 8, 10	
	Exercies-9.4: Q. No. 3, 6, 8, 10	
Chapter-10 Vector Algebra	Exercies-9.5: Q. No. 2, 3, 11, 17, 18, 20, 22	Q. No. 18, 23, 25, 30 Miscellaneous Ex. Q. No. 3, 5, 8, 10, 13, 17, 18, 19
	Exercise-10.1: Q. No. 4,	
	Exercies-10.2: Q. No. 2, 4, 10, 11, 12, 15, 16	
	Exercies-10.3: Q. No. 2, 3, 9, 10, 15, 16, 18	
Chapter-11 Three Dimensional Geometry	Exercies-10.4: Q. No. 2, 6, 9, 10, 11, 12	Q. No. 11, 12
	Exercies-11.1 : Q. No. 1, 4, 5	
	Exercies-11.2: Q. No. 2, 3, 5, 7, 10 (ii), 11 (i), 13, 15	

Subject: English

FLAMINGO

LIST OF IMPORTANT QUESTIONS FOR RT2 THE LAST LESSON

1. What tempted Franz to stay away from school?
2. What was unusual about M Hamel's dress on his last day in the school?
3. "What a thunderclap these words were to me!" What were the words that shocked and surprised the narrator?
4. Why had the villagers come to school on the day of the last lesson?
5. Why does M Hamel reproach himself for his students, unsatisfactory progress in Studies?
6. What had been put up on the bulletin-board?
7. How did Franz's feelings about M. Hamel and school change?
8. Who occupied the back benches in the classroom on the day of the last lesson? Why?
9. Franz thinks, "Will they make them sing in German, even the pigeons?" What could this mean?
10. Why did M. Hamel write 'Vive La France' on the blackboard?
11. What did Franz wonder about when he entered the class that day?
12. What message does the story "The last lesson" carry? How relevant is it today?

LOST SPRING

1. Why had the ragpickers come to live in Seemapuri?
2. In what sense is garbage gold to the rag pickers?
3. How is Mukesh different from the other bangle makers of Firozabad?
4. Whom does Anees Jung blame for the sorry plight of the bangle makers?
5. In spite of despair and disease pervading the lives of the slum children, they are not devoid of hope. How far do you agree?

6. Why could the bangle makers not organise themselves into a cooperative?
7. Mention any two hazards of working in the bangle industry.
8. 'Lost Spring' explains the grinding poverty and traditions that condemn thousands of people to a life of abject poverty. Do you agree? Why/Why not?
9. What does the writer mean when she says, 'Saheb is no longer his own master'?
10. What does the title, 'Lost Spring' convey?
11. Survival in Seemapuri means rag-picking. , Comment.
12. It is 'a tradition to stay barefoot ' What is the attitude of the rag-pickers of Seemapuri towards wearing shoes?

DEEP WATER

1. Which two incidents in Douglas' early life made him scared of water?
2. Why did Douglas prefer to go to YMCA swimming pool to learn swimming?
3. What were the series of emotions and fears that Douglas experienced when he was thrown into the pool?
4. How did his swimming instructor 'build a swimmer' out of Douglas?
5. How did Douglas make sure that he conquered the old terror?
6. Why was Douglas determined to get over his fear of water?
7. Why did Douglas go to Lake Wentworth in New Hampshire?
8. When Douglas realised that he was sinking, how did he plan to save himself?
9. Douglas fully realised the truth of Roosevelt's statement, "All we have to fear is fear itself." How did this realisation help him brush aside his fear and become an expert swimmer?
10. "I crossed to oblivion, and the curtain of life fell." What was the incident which nearly killed Douglas and developed in him a strong aversion to water?
11. Desire, determination and diligence lead to success. Explain the value of these qualities in the light of Douglas' experience in 'Deep Water.'
12. What deep meaning did his experience at the Y.M.C.A. swimming pool have for Douglas?

THE RATTRAP

1. In what sense was the world a big rattrap according to the peddler?
2. Why did the peddler knock on the cottage by the roadside? How was he treated by the Owner Of the cottage?
3. Why did Edla plead with her father not to send the vagabond away?
4. "Edla sat and hung her head even more dejectedly than usual." Which two reasons forced her to behave in that manner?
5. How did the peddler feel after robbing the crofter? What course did he adopt and how did he react to the new situation? What does his reaction reveal?
6. The story, 'The Rattrap' is both entertaining and philosophical. Do you agree with this statement? Why/Why not?
7. The story focuses on human loneliness and the need to bond with others. Explain.
8. Compare and contrast the character of the ironmaster with that of his daughter.
9. Why did the peddler sign himself as Captain von Stahle?
10. Why was the crofter so talkative and friendly with the peddler?
11. What made the peddler think that he had indeed fallen into a rattrap?
12. What made the peddler accept Edla Willmansson's invitation?

MY MOTHER AT SIXTY SIX

1. Read the extract given below and answer the questions that follow.

I looked again at her, wan, pale
 as a late winter's moon and felt that old
 familiar ache, my childhood's fear,
 but all I said was see you soon, Amma,
 all I did was smile and smile and smile

- (a) What was the poet's childhood fear?
- (b) What were the poet's parting words?
- (c) What is the poetic device used in these lines?
- (d) Why did the poet smile and smile?

2. Read the extracts given below and answer the questions that follow.

.....but soon
put that thought away and
looked out at young
trees sprinting, the merry children spilling
out of their homes.....

- (a) What thought did the poet drive away from her mind?
- (b) What did she see when she looked out of the car?
- (c) How do you know that the joyful scene didn't help her drive away the painful thought from her mind?
- (d) What are the merry children symbolic of?

3. Read the extract given below and answer the questions that follow.

Driving from my parent's
home to Cochin last Friday
morning, I saw my mother, beside me
doze, open mouthed, her face ashen like that '
of a corpse and realised with pain .
that she was as old as she looked ...

- (a) Where was the poet driving to?
- (b) Why was her mother's face looking like that of a corpse?
- (c) What did the poet notice about her mother?
- (d) Why was the realisation painful?

4. Read the extract given below and answer the questions that follow.

.....and
looked but soon
put that thought away and
looked out at young
trees sprinting,
the merry children spilling
out of their homes,.....

- (a) Name the poem and the poet.
- (b) What did the poet realise? How did she feel?
- (c) What did she do then?
- (d) What did she notice in the world outside?

AN ELEMENTARY SCHOOL CLASSROOM IN A SLUM

1. How does the world depicted on the classroom walls differ from the world of the slum children?

2. Read the extract given below and answer the questions that follow:

.....On their slag heap, these children
Wear skins peeped through by bones and spectacles of steel
With mended glass, like bottle bits on stones All of their time and space are foggy slum.
So blot their maps with slums as big as doom.

- (a) Which two images are used to describe these slums?
 - (b) What sort of life do these children lead?
 - (c) Which figure of speech is used in the last line?
3. What does the poet want for the children of the slums?
4. What does the poet wish for the children of the slums?
5. To whom does the poet in the poem, 'An Elementary School Classroom in a Slum' make an appeal? What is his appeal?

6. Read the extract given below and answer the questions that follow.

Surely, Shakespeare is wicked, the map a bad example,
With ships and sun and love tempting them to steal For lives that slyly turn in their cramped holes
From fog to endless night? On their slag heap, these children 'Wear skins peeped through by bones and
spectacles of steel With mended glass, like bottle bits on stones

- (a) Why is Shakespeare described as wicked?
- (b) Explain, "from fog to endless night."
- (c) What does the reference to 'slag heap' mean?
- (d) How do they live in their holes?

A Thing of Beauty

1. Read the extract given below and answer the questions that follow: (Delhi 2000)

Therefore, on every morrow, are we wreathing
 A flowery band to bind us to the earth,
 Spite of despondence, of the inhuman dearth
 Of noble natures, of the gloomy days,
 Of all the unhealthy and o'er-darkened ways
 Made for our searching:

- (a) What are the flowery bands that bind us to the earth?
 - (b) What message do the above lines convey?
- 2. What image does Keats use to describe the beautiful bounty of the earth?**
- 3. What does Keats consider an endless fountain of immortal drink and why does he call its drink immortal?**
- 4. Read the extract given below and answer the questions that follow: (All India 2014)**
- Spite of despondence, of the inhuman dearth
 Of noble natures, of the gloomy days,
 Of all the unhealthy and o'er-darkened ways
 Made for our searching: yes in spite of all,
 Some shape of beauty moves away the pall
 From our dark spirits.
- (a) Name the poem and the poet.
 - (b) Why are we 'despondent'?
 - (c) What removes 'the pall from our dark spirits'?

AUNT JENNIFER'S TIGERS

1. Read the extract given below and answer the questions that follow.

Aunt Jennifer's tigers prance across a screen,
 Bright topaz denizens of a world of green
 They do not fear the men beneath the tree,
 They pace in sleek chivalric certainty

- (a) How are Aunt Jennifer's tigers described?
 - (b) Why are they described as denizens of a world of green?
 - (c) Why are they not afraid of the men?
 - (d) What are her tigers symbolic of?
- 2. Aunt Jennifer is the representative of exploited women in her society. She succumbs to tortures and ordeals. In the wake of the twenty first century, we boast of development but exploit women. Write an article on woman empowerment.**
- 3. Do you sympathise with Aunt Jennifer? Comment on the poet's attitude towards Aunt Jennifer.**
- 4. Read the extracts given below and answer the questions that follow.**
- When Aunt is dead, her terrified hands will lie
 Still ringed with ordeals she was mastered by
 The tigers in the panel that she made
 Will go on prancing, proud and unafraid
- (a) Who is the aunt mentioned here?
 - (b) Why is she "ringed with ordeals"?
 - (c) What is the difference between her and the tigers?
 - (d) Why has Aunt Jennifer created the tigers so different from her own character?