



**WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION  
VIDYASAGAR BHAVAN  
9/2 , BLOCK -DJ , SECTOR II , SALT LAKE  
KOLKATA – 700091**

**Memo No :L/PR/173/2024**

**Date : 16.04.2024**

**NOTIFICATION**

**Kind Attn: All Head of H.S Institutions, Publishers , Teachers and all Concerned**

The Council has already published the Syllabus and Question pattern of all the subjects in the H.S Curriculum. The total marks in Semester I and III examinations in the H.S curriculum will be 35 and 40 for the practical-based and Project-based subjects respectively and will be 20 for Music and Visual Arts.

Around 50% questions in these papers will be consisted of basic and simple questions. Around 30% questions will be bit more complex and the rest 20% will be for the achievers i.e, these questions will be comparatively bit tougher and will test the logical and analytical skills of the students along with their subject knowledge.

Along with simple Multiple Choice Questions with 4 options, there will also be questions of following types.

- Fill in the blanks
- Column Matching
- Assertion-Reasoning type
- Diagram based questions
- Rearrangement of Sentences on prescribed sequence
- True and False type questions
- Case based questions

The Council is not specifying any fixed percentage breakup for the type of questions in the Question paper of Semester I and III examinations. This will entirely depend on the discretion of the paper setter(s) and will vary from subject to subject.

  
16/04/2024  
**Prof. (Dr.) Chiranjib Bhattacharjee  
PRESIDENT  
WBCHSE**

### Some Sample Multiple Choice Questions illustrated :

- **Fill in the blanks :**

Example 1 : [COMA/COMS]

\_\_\_\_\_ is the process of converting human-readable data into a form that can be processed by a computer, while \_\_\_\_\_ is the process of converting computer-readable data into a form that humans can understand.

Select the Correct Options for the blanks :

- a. Encoding , Decryption
- b. Encoding , Decoding
- c. Decoding , Decryption
- d. Decoding , Encoding

- **Column Matching**

Example 1 : [COMA/COMS]

Column A	Column B
1. CPU	a. Stores data permanently, even when power is turned off
2. RAM	b. Responsible for executing instructions and calculations
3. HDD	c. Provides temporary storage for data and instructions actively used by the CPU
4. GPU	d. Specialized processor designed for rendering graphics and images

Select the right combination:

- a. 1-a , 2-b , 3-c , 4-d
- b. 1-b , 2-c , 3-a , 4-d
- c. 1-b , 2-a , 3-c , 4-d
- d. 1-c , 2-b , 3-a , 4-d

Example 2 : [ NUTN ]

Column A	Column B
1. Simple Protein	a. Chromoprotein
2. Derived Protein	b. Gliadin
3. Conjugated Protein	c. Proteose
4. Complete Protein	d. Egg

Select the right combination:

- a. 1-a , 2-b , 3-c , 4-d
- b. 1-a , 2-c , 3-b , 4-d
- c. 1-b , 2-c , 3-a , 4-d
- d. 1-b , 2-c , 3-d , 4-a

- **Rearrangement of Sentences/Events**

Example 1 : [ NUTN ]

Choose the correct sequence as it occurs in the human body:

- a. Food Intake – Digestion – Assimilation --- Absorption – Elimination
- b. Food Intake – Digestion – Absorption -- Assimilation --- Elimination
- c. Food Intake – Digestion – Elimination -- Absorption -- Assimilation
- d. Food Intake – Absorption -- Digestion – Assimilation -- Elimination

Example 2 : [COMA/COMS]

Arrange the following statements in the correct order to depict the fundamental process of a computer booting up:

1. The BIOS is activated.
2. The CPU begins executing the instructions stored in the BIOS .
3. The bootstrap loader locates the operating system kernel.
4. Power is supplied to the computer, initiating the hardware.
5. The operating system kernel is loaded into memory.
6. The operating system initializes system processes and user interfaces.

Correct order is :

- a. 4-1-2-3-5-6
- b. 3-1-2-3-5-6
- c. 4-3-5-1-2-6
- d. 4-1-2-6-3-5

Example 3 : [ ENGB ]

The following events have been taken from the short story “ An Astrologer’s Day” by R.K Narayan. Select the correct Chronological order.

1. The astrologer fled away from his native village thinking that he had murdered a person.
2. He knew nothing of astrology..
3. He came and settled at a place, got married and begot a male child.
4. He made the people talk to find out the answers to their queries.

Correct order is :

- a. 4-1-2-3
- b. 1-3-2-4
- c. 2-3-4-1
- d. None of the above

- **Relationship between Statements**

Example 1 : [ HIST ]

Statement A : The temples were centers of education in the Chola Kingdom

Statement B : The students learnt their lessons in two languages, Hindi and Sanskrit

Select the option that shows the correct relationship between Statement A and B

- a. B contradicts A
- b. B is the reason of A
- c. A is true but B is false
- d. A and B are independent of each other

Example 2: [ ENGB ]

Statement A : Westminster Bridge by William Wordsworth is a poem where Nature is considered an extension of city life.

Statement B : The beauty of the morning from Westminster Bridge surprises the poet.

Select the option that shows the correct relationship between Statement A and B

- a. B contradicts A
- b. B is the reason of A
- c. A is true but B is false
- d. A and B are independent of each other

- **Assertion-Reasoning Type Questions**

Example 1 : [ PHIL ]

Assertion(A) : Many considered Indian Philosophy as Hindu Philosophy

Reason(R): Hindu means the inhabitants of the land of India

Choose the correct option:

- a. A and R are both True and R is the correct explanation of A
- b. A and R are both True but R is not the correct explanation of A
- c. A is correct but B is incorrect
- d. A is incorrect but B is correct

Example 2 : [ NUTN ]

Assertion(A) : Khitchdi (Porridge of Rice and Dal) intake supports rapid growth in infants.

Reason(R): Rice grain is low in lysine and Pulses are low in Methionine. Both supplements each other in combination and makes a complete first class protein.

Choose the correct option:

- a. A and R are both True and R is the correct explanation of A
- b. A and R are both True but R is not the correct explanation of A
- c. A is correct but B is incorrect
- d. A is incorrect but B is correct

Example 3 : [MATH]

Assertion(A) : The point on the curve  $y = 2x^3 - 14x + 7$  at which the tangent  $y = 10x + 1$  touches the curve is  $(-2, 19)$ .

Reason(R): Slope of the tangent will be same as the slope of the curve at the point of tangency.

Choose the correct option:

- a. A and R are both True and R is the correct explanation of A
- b. A and R are both True but R is not the correct explanation of A
- c. A is correct but B is incorrect
- d. A is incorrect but B is correct

• **True and False Type Questions**

Example 1 : [PHYS]

Statement A : Floating of a cork on the surface of water indicates that the density of water is equal to the density of the cork

Statement B : Floating of a cork on the surface of water indicates that the density of water is less than the density of the cork

Choose the correct option :

- a. A is True and B is False
- b. B is True and A is False
- c. Both the statements are False
- d. Density of water plays no role in the flotation of the cork

Example 2 : [NUTN]

Answer the question based on the statements being True(T) or False(F)

Statement A : Animal Protein is complete protein

Statement B : Plant protein is partially complete protein

Statement C : Protein quality of Plant protein is better than Animal protein.

Statement D : Protein quality of Animal protein is better than Plant protein.

Choose the correct option :

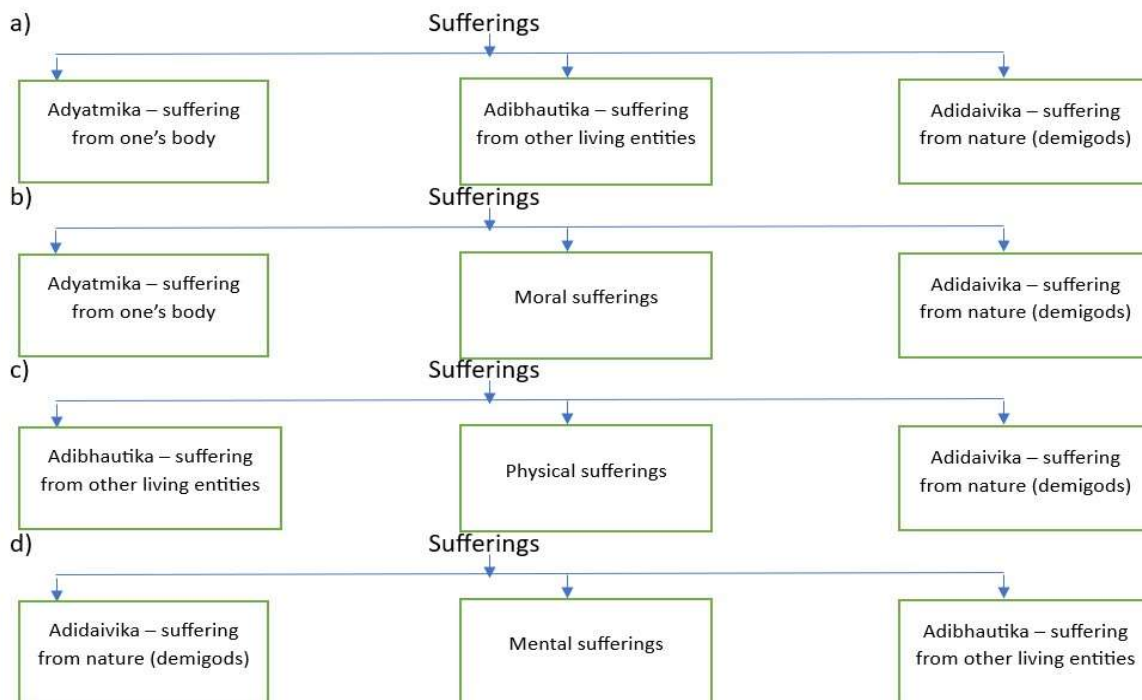
- a. A(T), B(T), C(T), D(T)
- b. A(F), B(F), C(T), D(F)
- c. A(T), B(F), C(F), D(T)
- d. A(T), B(T), C(F), D(T)

- **Diagram/ Chart Based Questions**

Example 1 : [ PHIL ]

Choose the correct option :

Following are the types of sufferings from which Indian philosophy wants to find the escape



- **Case-based Questions**

Example 1: [ CHEM ]

A White Crystalline solid P sublimes on heating, evolving a basic gas Q and an acidic gas which on cooling combines to form the sublimate which condenses on the cooler parts of the test tube.

Choose the correct answer :

- P is Ammonium Chloride and Q is Ammonia
- P is Lead Nitrate and Q is Nitrogen dioxide
- P is Ammonium Chloride and Q is Hydrogen Chloride gas
- P is Ammonium Nitrate and Q is Ammonia

Example 2: [ NUTN ]

An 18 year old girl took standard diet or standard food for a period of 3 months. What will be the possible effect?

Choose the correct answer :

- Calorie intake is less. Weight reduction will happen.
- Calorie intake is more. Weight gain will happen.
- Vitamin C intake will be in highly excess.
- Vitamin C intake will be less. Scurvy disease will be manifested.

Example 3: [ MATH ]

An Institution organized a small gathering of 100 students on the occasion of Teacher's day. The management decided that three different types of drinks should be distributed among the students - Fruit Juice, Lassi and Tea. It was reported that 10 students had all the three drinks Fruit Juice, Lassi and Tea; 20 had Fruit Juice and Lassi; 30 had Lassi and Tea; 25 had Tea and Fruit Juice; 12 had Fruit Juice only; 5 had Lassi only and 8 had Tea only.

The number of students who did not take any drinks, is

- a. 10
- b. 15
- c. 25
- d. 20