

Sanghamitra School

Revision for Half Yearly Exam 2024-2025

Class VII Sec: Roll. No: Name:-----
Time: 2 Hours
Subject: Mathematics

Objective: To reinforce learning, improve retention and practice, and apply knowledge.

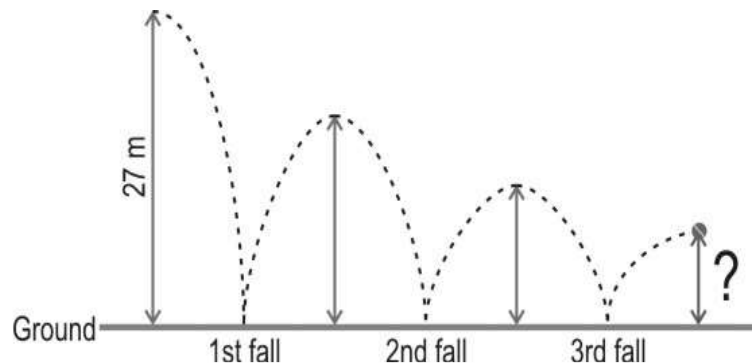
Note: Dear parent,

Kindly monitor your child to complete the given work and submit it on 14.10.24.

Topics: Block-1: Operations with Fractions, Block-2: Operations with Decimals, Block-3 Operations on Integers, Block-4 More on Operations on Integers, Block-7 Equations and Inequations.

Solve the following:

- 1) To make 12 pieces of chocolate, $3\frac{4}{5}$ cups of sugar is used. What quantity of sugar is needed to make i) 24 pieces of chocolate? ii) 6 pieces of chocolate.
- 2) Pradeep has worked 34.75 hours of his usual 39.5 hour week. How many hours does he have left to work?
- 3) A rubber ball is dropped from a height of 27 m. Each time it hits the ground, it bounces up to $\frac{2}{3}$ of its previous height.



How high will the ball bounce immediately after its 3rd fall?

- 4) Find the value of m if $\frac{m}{45} = \frac{4}{9}$
- 5) A number added to half of itself gives 27. What is the number?
- 6) Half of a number is four more than one-fourth of that number. What is the number?
- 7) Geetika, Kamini and Lokesh win Rs 2000 in a presentation competition. They share the prize money as follows:
 - Geetika takes Rs y.
 - Kamini gets Rs 300 less than Geetika's share.
 - Lokesh's share is twice as much as Kamini. What is Kamini's share?
- 8) Sunil is 37 years old. After 3 years, his age will be half of Akshay's age then. What is the present age of Akshay?
- 9) Rajat has Rs. 800 with him in ten-rupee and twenty-rupee notes. If he has 50 notes in all, how many TWENTY-RUPEE notes does he have?
- 10) Simplify
 - a) $(-11) \times (-15) + (-11) \times (-25)$
 - b) $(-8) \times 95 + (-8) \times 5$
 - c) $21 \times [(-12) + (-10)]$

11) Use $>$, $<$ OR $=$ symbols in the blank space in each of the following

- a. $(-3) - (-5)$ _____ $(-4) + (-9)$
b. $71 - 2 - 31$ _____ $71 - 2 + 31$
c. $39 + (-35) - (58)$ _____ $37 + (-11) - (+26)$
d. $23 + (-8) - 7$ _____ $9 - 13 + 12$

12) Solve a) $\frac{72}{65} \times \frac{140}{84}$ b) $4 \frac{11}{34} \times \frac{153}{105}$

13) How many one-thirds are there in 12?

- A) $\frac{1}{36}$ B) 4 C) $12 \frac{1}{3}$ D) 36

14) $12.5 \div 0.25 =$

- A) 0.005 B) 0.5 C) 50 D) 500

15) $\frac{6}{8} \div \frac{8}{6} + 1 =$

- A) 2 B) $\frac{9}{28}$ C) $\frac{14}{8}$ D) $\frac{25}{16}$

16) When 783 is divided by 0.6, the quotient is ____.

- A) 1305 B) 1105 C) 13.5 D) 11.05

17) Which of these is the same as $\{(-889) \times 74\} + \{(-889) \times 9\}$?

- A) $(889) \times (74 - 9)$ B) $(-889) \times (74 + 9)$ C) $(-889) \times 74 + 9$ D) $(-889) \times 74 \times 9$

18) The temperature of a packet of frozen vegetables was -8°C when it was taken out of a freezer. After several minutes of warming, its temperature was 9°C .

What was the increase in the temperature of the packet?

- A) -17°C B) -1°C C) 1°C D) 17°C

19) The sum of two integers is -50. One of the integers is 65. Which of these is the second Integer?

- A) -115 B) -15 C) 15

D) (It is not possible to add an integer to 65, and get a sum of -50)

20) Ravi's age is twice that of Veena's age. After 6 years, the sum of their ages will be 42. How old is Ravi NOW?

- A) 20 B) 24 C) 36 D) 52

21) If $10 - x = -20$, then the value of x is

- A) -30 B) -10 C) 10 D) 30

22) What is the value of b , if the area of the above rectangle is 45 square units?

- A) 2 Units B) 8 Units C) 18 Units D) 39 Units



23) Twelve less than 4 times a number is 20. What is the number?

- A) 2 B) 4 C) 6 D) 8

24) Ram is half as old as Sam. Sam is three times as old as Tony. The sum of their ages is 55. How old is Ram?

- A) 5 years B) 8 years C) 10 years D) 15 years

25) Write these spellings each 2 times

Expression, Linear Equation, Solution, tenth, hundredth, thousandth, Numerator, Denominator, absolute value, additive identity.

_____ The End _____

Sanghamitra School

Revision for Half Yearly Exam 2024-25

Class/ Sec: VII Roll .No : Name :----- Time: 2 Hours

Subject: Social Science Syllabus-Block-12,17,18 and 19.

Objective: To reinforce learning, improve retention and practice and apply knowledge.

Note: Dear parent,

Kindly monitor your child to complete the given work and submit on 14.10.24.

I. Read, learn and write each word 3 times.

1. Environment	2. Fossil fuels	3. Humidity	4. Meteors	5. Drought	6. Abundant
7. Stratosphere	8. Opportunity	9. Fraternity	10.Sovereign	11. Abiotic	12. Preamble
13.Government	14. Methane	15. Porous	16. Species	17. Nickel	18.Sediments

II. Answer the following questions.

Q1. List out the types of precipitation and explain each with an example.

Ans _____

Q2. Discuss the four factors influencing air pressure.

Ans. _____

III CASE STUDY

Global Warming Has Begun!

The Earth has never been hotter. 9 out of the 10 warmest years have occurred since 2005. Scientists believe it's due to an increase in greenhouse gases. As a result, we have warmer summers, colder winters, frequent storms, droughts, and floods.

1. Define global warming.

ANS. _____

2. What are the effects of global warming.

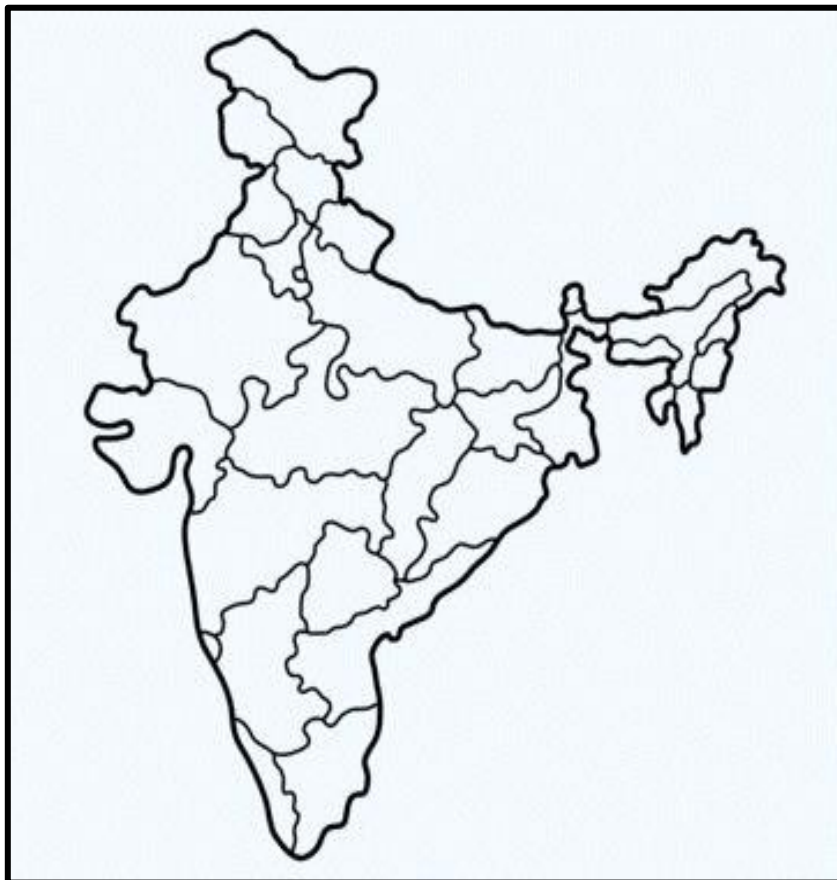
ANS. _____

3. List out the human activities resulting in global warming (any 4)

ANS. _____

IV. MAP POINTING

Mark the southern states of India and their capitals



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Revision for Half Yearly Exam 2024-25

Class: VII/SEC: ----- Roll No : ----- Name :----- Time: 2 Hours

Subject: Hindi

Objective: To reinforce learning, improve retention and practice and apply knowledge.

Note: Dear parent,

Kindly monitor your child to complete the given work and submit on 14.10.24.

Topics: पठित गद्यांश, कारक, शुद्ध रूप, वचन, कठिन शब्द

I. निम्नशब्दों का पढ़कर तीन-तीन बार लिखिए।

1. अंतरिक्ष			
2. वनस्पति			
3. सैन्य			
4. मुश्किल			
5. परिक्रमा			
6. विपत्ति			
7. लाउडस्पीकर			
8. स्वीकार			
9. आलिंगन			
10. भविष्य			

II. दिए गए पठित गद्यांश पढ़कर निम्न प्रश्नों के उचित उत्तर दीजिए।

“माँ, इस मिशन में कितना खर्चा आया होगा?”

“आरुषि! इसरो ने इस मिशन पर सिर्फ 978 करोड़ रुपए खर्च किए थे। देखा जाए, तो यह बहुत किफायती मिशन था।”

आरुषि बोली, “पर माँ! इतनी कोशिशों के बाद भी यह मिशन पूरा क्यों नहीं हो पाया?”

“आरुषि! तय समय पर विक्रम लैंडर चंद्र की सतह पर उतरने वाला था। लेकिन कुछ तकनीकी कारणों से वह सॉफ्ट लैंडिंग नहीं कर सका और अधिक तेजी से चंद्रमा के धरातल से टकरा गया। इसरो के साथ नासा ने भी उससे संपर्क करने के कई प्रयास किए, लेकिन कुछ हो ना सका। और इस तरह भारत सफलता के शिखर को चूमते-चूमते रह गया।”

“तो क्या यह मिशन पूरी तरह से असफल हो गया?”

“आरुषि! यह मिशन पूरी तरह से असफल नहीं है। चंद्रयान-2 का ऑर्बिटर अभी भी काम कर रहा है। वह एक साल तक चंद्रमा के चक्कर लगाते हुए वही जानकारीयाँ इकट्ठी करेगा, जिसके लिए लैंडर और रोवर भेजे गए थे। भारत के इस मिशन की सराहना करते हुए नासा ने भी कहा है कि चंद्रयान-2 के कारण ही उन्हें अपने चंद्र-मिशन में मदद मिलेगी और वे भविष्य में चंद्रमा के दक्षिणी ध्रुव को सही प्रकार से जान-समझ सकेंगे।” आरुषि खुश होकर बोली, धन्यवाद माँ! अब मैं विज्ञान प्रदर्शनी में के बारे में अच्छी तरह से बता सकूंगी।”

1. इसरो(ISRO) ने चंद्रयान 2 पर कितने रुपए खर्च किए?

उ. ----- |

2. चंद्रयान 2 की विक्रम लैंडर किस कारण से सॉफ्ट लैंडिंग नहीं कर सका और क्या हुआ था?

उ. -----

3. अब आरुषि चंद्रयान-2 मिशन के बारे में अच्छी तरह कहाँ बोलने वाली थी?

उ. -----

4. भारत के मिशन की सराहना किस देश ने किया है?

उ. -----

5. “तय समय” शब्द का अर्थ क्या है?

उ. ----- |

III. रेखांकित कारक का भेद लिखिए - (Write the type of underlined Kaarak)

1. विशाखा ने बुक पढ़ी। -----
2. आसमान से बूँदें गिरी। -----
3. घोंसले में चिड़िया है। -----
4. माँ बच्चे को सुला रही है। -----
5. रहीम गेंद से खेलता है। -----
6. हम पढ़ने के लिए स्कूल जाते हैं। -----
7. सुनीता का घर दूर है। -----
8. रमेश ने पत्र लिखा। -----
9. रमा ! देखो कैसा सुन्दर दृश्य है। -----
10. जब से सिक्का गिरा। -----

IV. उचित कारक चिह्न लिखकर वाक्य पूरा कीजिए -

(Write the correct Kaarak and complete the sentences)

1. गंगा हिमालय _____ निकलती है।
2. भूखे _____ रोटी लाओ।
3. कृष्ण _____ कंस _____ मारा।

4. राहूल _____ किताब मेज पर है।
5. बालक गेंद _____ खेल रहे हैं।
6. कृष्ण _____ सुदामा _____ सहायता की।
7. सुनीता घोड़े _____ गिर पड़ी।
8. गरीबों _____ दान दो ।
9. मछली पानी _____ रहती है।
10. बच्चे पेंसिल _____ लिखते हैं।

V. दिए गए अशुद्ध शब्दों को शुद्ध रूप लिखिए -

- | | |
|--------------------|---------------------|
| 1. उद्योग- _____ | 2. परदर्शनी- _____ |
| 2. विधनों- _____ | 4. आरबीटर- _____ |
| 5. विप्लेषण- _____ | 6. वृक्षरोपण- _____ |

VII. निम्न शब्दों के वचन बदलकर लिखिए।

- | | |
|------------------|-------------------|
| 1. लड़का- _____ | 6. कपड़े- _____ |
| 2. गाय- _____ | 7. टोपी- _____ |
| 3. सिपाही- _____ | 8. माला- _____ |
| 4. बच्चे- _____ | 9. स्त्री- _____ |
| 5. माता- _____ | 10. पुस्तक- _____ |

IX. निम्नलिखित प्रश्नों के उत्तर दीजिए-

- 1) वीर व्यक्ति किसे कहते हैं?
 - उ) _____
-
-

2) दी गई पंक्तियों का भावार्थ अपने शब्दों में लिखिए-

- खम ठोंक ठेलता है जब नर, पर्वत के जाते पाँव उखड़।

मानव जब ज़ोर लगता है, पत्थर पानी बन जाता है।

उ) -----

3) 'वीर' कविता के द्वारा कवि क्या कहना चाहता है?

उ) -----

4) तानाजी ने दुर्ग जीतने के लिए क्या किया?

उ) -----

Sanghamitra School

**Worksheet: *Understanding Tall Story (Chapters 1-5) by Candy Gourlay,*
English, Non-Detail Book**

Name: _____

Class: VII Sec: ____ Date: _____

Section A: Spelling Practice

Below are words from Chapters 1-5. Write each word twice to practice spelling:

- | | | |
|------------------|-------|-------|
| 1. Earthquake | _____ | _____ |
| 2. Basketball | _____ | _____ |
| 3. Brother | _____ | _____ |
| 4. Philippines | _____ | _____ |
| 5. Taller | _____ | _____ |
| 6. Traffic | _____ | _____ |
| 7. Surprise | _____ | _____ |
| 8. Family | _____ | _____ |
| 9. Superstitious | _____ | _____ |
| 10. Nervous | _____ | _____ |

Section B: Comprehension Questions

Answer the following questions about each chapter. Try to think about the main events and characters' feelings.

Chapter 1

1. Who is Andi, and why does she love basketball?

2. What is her biggest concern about meeting her brother?

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**Worksheet: *Understanding Tall Story (Chapters 1-5) by Candy Gourlay,*
English, Non-Detail Book**

Chapter 2

1. How does Bernardo's height affect his life in the Philippines?

2. What do the villagers believe about Bernardo?

Chapter 3

1. Why does Andi feel both excited and nervous about Bernardo's arrival?

2. What does Andi discover about Bernardo when he arrives?

Chapter 4

1. How does Bernardo's height cause problems for him in London?

2. Why does Andi struggle with accepting her brother's differences?

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**Worksheet: *Understanding Tall Story (Chapters 1-5)* by Candy Gourlay,
English, Non-Detail Book**

Chapter 5

1. What superstitions do people in the Philippines hold about Bernardo's height?

2. How does Bernardo feel about leaving his home and adjusting to London?

Section C: Character Exploration

Andi

- Write three words to describe Andi's personality.

1. _____

2. _____

3. _____

Bernardo

- Write two challenges Bernardo faces because of his height.

1. _____

2. _____

- Who is the author of *Tall Story*?

Writing Activity: Imagine You're Andi

Imagine you are Andi, meeting your very tall brother for the first time. Write a short paragraph about how you feel and what you would say to him.

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**Worksheet: *Understanding Tall Story (Chapters 1-5) by Candy Gourlay,*
English, Non-Detail Book**

Section D: Summarizing the Chapters

For each of the first five chapters, write one sentence that summarizes the main idea:

- **Chapter 1:** _____
- **Chapter 2:** _____
- **Chapter 3:** _____
- **Chapter 4:** _____
- **Chapter 5:** _____

Section E: Bonus – Drawing Activity

Draw a scene from the story so far that you found interesting. Describe what is happening in your drawing.

Sanghamitra School

Revision for Half Yearly Exam 2024-25

Class: VII Sec: _____ Roll. No: _____

Name: _____

Subject: Science

Time: 2 Hours

Objective: To reinforce learning, improve retention and practice and apply knowledge.

Note: Dear parent,

Kindly monitor your child to complete the given work and submit on 14.10.24.

Topics: 1. Block-1: Nutrition in Plants, Block 2: Nutrition in Animals, Block-3: Respiration in Animals, Block-5: Excretion in Humans, Block-6: Building Blocks of Organisms.

General Instruction: Complete the given worksheet neatly with a pencil.

A.Say, Learn and Write the following spellings.

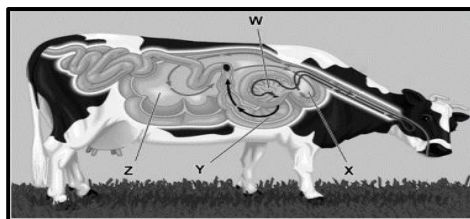
Diaphragm			
Bronchioles			
Alveoli			
Larynx			
Pharynx			
Omasum			
Abomasum			
Oesophagus			
Absorption			
Assimilation			
Saprophytes			
Mitochondrion			
Tissues			
Lysosomes			
Ribosomes			
Cell membrane			
Cytoplasm			
Nucleus			
Vacuole			

B. Name the organelles by reading their descriptions:

- Thin boundary of the cell: _____
- Suicide bag of the cell: _____
- Control room of the cell: _____
- Power house of the cell: _____
- Cleans the damaged materials in the cell: _____
- Stores all the important materials in the cell: _____

F. Label the Ruminant Digestive System.

W- _____ X- _____
 Y- _____ Z- _____



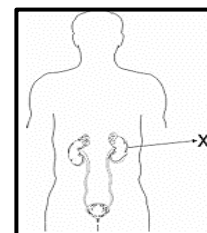
G. Choose the correct options:

A. The process of excretion involves the removal of ()

- P. waste products of life processes
 - Q. excess of substances like water and salts
 - R. harmful substances that we may have taken in during eating or breathing
1. only P 2. only P and Q 3. only P and R 4. all-P, Q and R

B. The figure above shows a part of the human body. Which of the following is the MOST important function of the organ labelled 'X' in the figure? ()

- 1. to filter waste from the blood
- 2. to absorb vitamins from the food
- 3. to supply digestive juices to the stomach
- 4. to act as a passage for the waste in our body



C. Which of the following explains the role of skin in the excretion of waste products? ()

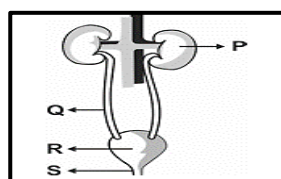
- 1. It is the major organ involved in the removal of carbon dioxide.
- 2. It converts toxic ammonia to less toxic urea and removes it.
- 3. It excretes water, salt and urea in the form of sweat.
- 4. It filters blood to remove toxic substances.

D. Urine is composed of 95% water and 5% of dissolved substances. Water is the main constituent of urine because ()

- 1. blood flowing through the kidneys is mostly made up of water.
- 2. water reacts with these substances and makes them harmless.
- 3. most of the cells and tissues in the body are composed of water.
- 4. most of the substances that the body needs to get rid of dissolve in water.

E. In the diagram shown alongside of the human urinary system, the function of separating urea from blood to form urine is carried out by the organ marked: ()

- 1. P 2. Q 3. R 4. S



F. Which of the following stores urine before it is excreted from the body? ()

- 1. kidneys 2. urethra 3. ureter 4. urinary bladder

G. The component present in maximum quantity in the urine is _____. ()

- 1. blood 2. water 3. urea 4. other waste products

H. Amino acids are obtained as a result of digestion of _____. ()

- 1. carbohydrates 2. vitamins 3. proteins 4. Fats

I. Four friends Duncan, Ian Daniel and Alan were discussing the human excretory system. Here is what each of them said

Duncan: Urine is stored in the kidneys before it is excreted from the body.

Ian: Urine is stored in the urinary bladder before it is excreted from the body.

Daniel: Urine is stored in the urethra before it is excreted from the body.

Alan: Urine is stored in the ureter before it is excreted from the body.

Who among them is right? ()

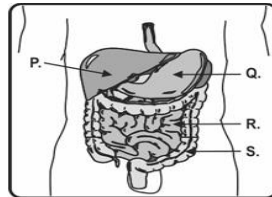
1. Duncan 2. Ian 3. Daniel 4. Alan

J. One patient was given two different drugs X and Y. Of the two drugs, only drug X could be detected in the patient's urine. Based on this, which of the following can be DEFINITELY said about the drugs? ()

- only drug X was present in the blood
- only drug Y was present in the blood
- both drugs X and Y were present in the blood
- (the information provided is not enough to conclude anything)

K. The figure below shows a part of the human body's digestive system. Identify the organ where most of the digested food is absorbed. ()

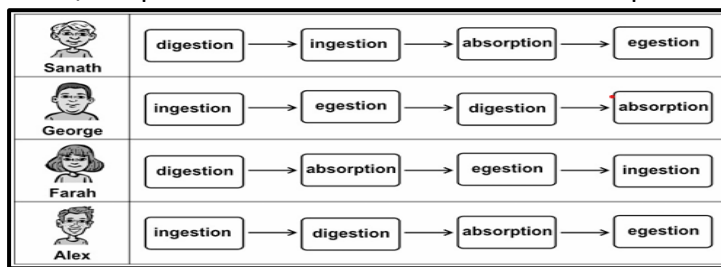
1. P 2. Q 3. R 4. S



L. Sanath and his friends have made placards of the processes involved in the digestion of food in the human body. Each of them have arranged their placards in the order as shown in the picture.

Who has arranged his/her placards in the CORRECT order as the processes occur in the body? ()

- Sanath
- George
- Farah
- Alex



M. The liver secretes bile, needed to digest fats in our food. ()

The pancreas secretes several enzymes and hormones needed to break down food.

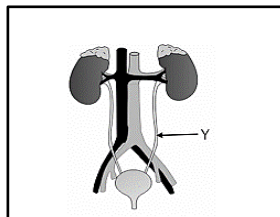
Which of the following is true of the food that we eat?

- It passes only through our liver.
- It passes only through our pancreas.
- It passes through both our liver and pancreas.
- It passes neither through our liver nor pancreas

N. Blood gets filtered in both the kidneys. The bladder receives the urine produced by both the kidneys.

What will the immediate effect be if the part marked Y gets blocked? ()

- No urine will be formed.
- Urine will not contain any water.
- Blood will not reach the kidneys.
- Less urine will flow into the bladder



O. What happens to the chest cavity when we breathe in and breathe out? ()

- It comes out (expands) when we breathe in and goes in (contracts) when we breathe out.
- It goes in (contracts) when we breathe in and comes out (expands) when we breathe out.
- There is no change in the chest size when we breathe in and out.
- Cannot say from the above information

P Which of the following is NOT a method by which water is naturally removed from the human body?

- as urine
- as sweat
- by blood loss
- by exhaled air

