

Curriculum Aligned Competency Based Test Items

Science

Class 9 – Chapter 13

Why Do We Fall Ill?

SAS21S091301

1 Which of these habits can cause illness?

- A. Bathing regularly
- B. Washing food before eating
- C. Washing hands after entering home
- D. Wearing unwashed clothes for a week

SAS21S091302

2 Which of these is a correct pair of a chronic disease and an acute disease?

| | Chronic disease | Acute disease |
|----|-----------------|---------------|
| A. | Arthritis | Malaria |
| B. | Typhoid | Cancer |
| C. | Malaria | Typhoid |
| D. | Cancer | Arthritis |

SAS21S091303

3 Which of these statements is true about infectious diseases?
Circle 'Yes' or 'No' for the correct response.

| Is this true about infectious diseases? | Yes or No |
|---|-----------|
| They are caused by microorganisms. | Yes/No |
| They are caused by excessive physical activity. | Yes/No |
| Common cold is an infectious disease. | Yes/No |

SAS21S091304

- 4 Riya was bitten by a dog.
Which vaccine should be injected in her to prevent infection?

- A. Polio
- B. Rabies
- C. COVID
- D. Tetanus

SAS21S091305

- 5 Which of these diseases can be spread by sexual contact?

- A. AIDS
- B. Malaria
- C. Typhoid
- D. Diarrhoea

SAS21S091306

- 6 Which of these can help to control chronic diseases?
Circle 'Yes' or 'No' for the correct response.

| Can this help to control chronic diseases? | Yes or No |
|--|-----------|
| No smoking | Yes/No |
| No alcohol consumption | Yes/No |
| No physical activity | Yes/No |

Rahul conducted a survey of four villages.
The table shows the findings of the survey.

| Village | Presence of toilets | Drinking water source |
|-----------|----------------------|-----------------------|
| Village 1 | no toilet | pond |
| Village 2 | toilet in each house | tap |
| Village 3 | toilet in each house | pond |
| Village 4 | few public toilets | tap |

SAS21S091307

7 In which village is the spread of waterborne diseases likely to be the **slowest**?

- A. Village 1
- B. Village 2
- C. Village 3
- D. Village 4

SAS21S091308

8 Why is untreated river water **not** safe for drinking?

The table shows the location of the four villages.

| Village 1 | Village 2 | Village 3 | Village 4 |
|---------------|------------------|-----------------------|-----------------|
| near a forest | near a sea beach | near a cement factory | near a farmland |

SAS21S091309

9 People of which village has the highest chance of developing lung diseases?

- A. Village 1
- B. Village 2
- C. Village 3
- D. Village 4

SAS21S091310

10 Saba often falls ill with common cold.
What could be a likely reason for this?

- A. She is underweight.
- B. She swims regularly.
- C. She has weak immunity.
- D. She washes clothes regularly.

Answers

Science
Class 9 – Chapter 13

| | |
|---------------------------------|--|
| Item Number | Question 1 |
| Question Code | SAS21S101301 |
| Grade & Chapter Name | Grade 9 Why do we fall ill? |
| Concept Sub-concept | Life Science Disease and Its Causes |
| Competency | Explaining Phenomena Scientifically |
| Item Type | Multiple Choice Question |
| Full Credit (Full Score) | D. wearing unwashed clothes for a week |
| No Credit (No Score) | Any other response or missing response |

| | |
|---------------------------------|---|
| Item Number | Question 2 |
| Question Code | SAS21S091302 |
| Grade & Chapter Name | Grade 9 Why do we fall ill? |
| Concept Sub-concept | Life Science Acute and Chronic Diseases |
| Competency | Explaining Phenomena Scientifically |
| Item Type | Multiple Choice Question |
| Full Credit (Full Score) | A. Arthritis / Malaria |
| No Credit (No Score) | Any other response or missing response |

| | |
|---------------------------------|--|
| Item Number | Question 3 |
| Question Code | SAS21S091303 |
| Grade & Chapter Name | Grade 9 Why do we fall ill? |
| Concept Sub-concept | Life Science Infectious Diseases |
| Competency | Explaining Phenomena Scientifically |
| Item Type | Complex Multiple Choice Question |
| Full Credit (Full Score) | Yes No Yes |
| No Credit (No Score) | Any other response or missing response |

| | |
|---------------------------------|---|
| Item Number | Question 4 |
| Question Code | SAS21S091304 |
| Grade & Chapter Name | Grade 9 Why do we fall ill? |
| Concept Sub-concept | Life Science Principles of Prevention |
| Competency | Explaining Phenomena Scientifically |
| Item Type | Multiple Choice Question |
| Full Credit (Full Score) | B. Rabies |
| No Credit (No Score) | Any other response or missing response |

| | |
|---------------------------------|--|
| Item Number | Question 5 |
| Question Code | SAS21S101305 |
| Grade & Chapter Name | Grade 9 Why do we fall ill? |
| Concept Sub-concept | Life Science Means of Spread |
| Competency | Explaining Phenomena Scientifically |
| Item Type | Multiple Choice Question |
| Full Credit (Full Score) | A. AIDS |
| No Credit (No Score) | Any other response or missing response |

| | |
|---------------------------------|---|
| Item Number | Question 6 |
| Question Code | SAS21S091306 |
| Grade & Chapter Name | Grade 9 Why do we fall ill? |
| Concept Sub-concept | Life Science Chronic Diseases and Poor Health |
| Competency | Explaining Phenomena Scientifically |
| Item Type | Complex Multiple Choice Question |
| Full Credit (Full Score) | Yes Yes No |
| No Credit (No Score) | Any other response or missing response |

| | |
|---------------------------------|---|
| Item Number | Question 7 |
| Question Code | SAS21S091307 |
| Grade & Chapter Name | Grade 9 Why do we fall ill? |
| Concept Sub-concept | Life Science Principles of Prevention |
| Competency | Interpreting Data and Evidence Scientifically |
| Item Type | Multiple Choice Question |
| Full Credit (Full Score) | B. Village 2 |
| No Credit (No Score) | Any other response or missing response |

| | |
|---------------------------------|--|
| Item Number | Question 8 |
| Question Code | SAS21S091308 |
| Grade & Chapter Name | Grade 9 Why do we fall ill? |
| Concept Sub-concept | Life Science Principles of Prevention |
| Competency | Explaining Phenomena Scientifically |
| Item Type | Constructed Response |
| Full Credit (Full Score) | Mentions that river water contains suspended solid particles and microorganisms. |
| No Credit (No Score) | Any other response or missing response |

| | |
|---------------------------------|---|
| Item Number | Question 9 |
| Question Code | SAS21S101309 |
| Grade & Chapter Name | Grade 9 Why do we fall ill? |
| Concept Sub-concept | Life Science Disease and Its Causes |
| Competency | Interpreting Data and Evidence Scientifically |
| Item Type | Multiple Choice Question |
| Full Credit (Full Score) | C. Village 3 |
| No Credit (No Score) | Any other response or missing response |

| | |
|---------------------------------|--|
| Item Number | Question 10 |
| Question Code | SAS21S091310 |
| Grade & Chapter Name | Grade 9 Why do we fall ill? |
| Concept Sub-concept | Life Science Disease and Its Causes |
| Competency | Explaining Phenomena Scientifically |
| Item Type | Multiple Choice Question |
| Full Credit (Full Score) | C. She has weak immunity. |
| No Credit (No Score) | Any other response or missing response |