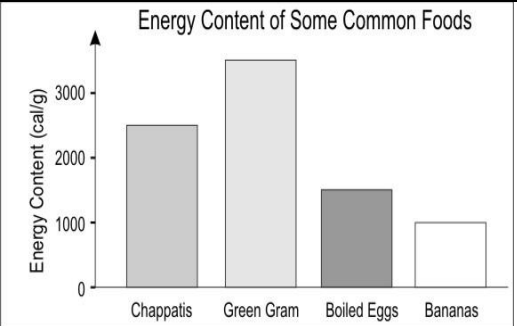



SET 13-CLASS VIII-SCIENCE

| S.N | Folder Number & Question Code | Topic | Question With Answers Options | Image (If Any) | Correct Answer (Option – A, B, C, D) | | | | |
|-----|-------------------------------|---|--|------------------------------|--|-----------------------------------|-----------------|-----------------|-----------------|
| 1. | 2_9 Science 6106 | Chapter 10 Reaching the age of adolescence | What is the most important reason we SWEAT? | | C | | | | |
| | | | | | | Answer Options | | | |
| | | | | | | Option A | Option B | Option C | Option D |
| | | | to eliminate excess water from our body | to reduce excess body weight | to cool down our body | to eliminate wastes from our body | | | |
| 2. | 3_16 Science 2462 | Chapter 10 Reaching the age of adolescence | When Saurabh saw a thief entering his house stealthily in the middle of night, he was alarmed and his heart started beating fast. These symptoms could be attributed to the action of which hormone? | | A | | | | |
| | | | | | | Answer Options | | | |
| | | | | | | Option A | Option B | Option C | Option D |
| | | | Adrenaline | Thyroxin | Testosterone | Insulin | | | |

SET 13-CLASS VIII-SCIENCE

| S.N | Folder Number & Question Code | Topic | Question With Answers Options | Image (If Any) | Correct Answer (Option – A, B, C, D) | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------|---|---|---|--|------------------------|-----------|------|------------|----------|---------------|----------|-----------|----------------------|-------------------------------|-----------------------|-------------------|----|---|-----|-----------|-----|------|---|-----------|---|----|-----|---|
| 3. | 3_16 Science 2485 | Chapter 10 Reaching the age of adolescence | Study this bar graph showing the energy content per gram of some foods. Which of the following items in Sudha's food would give her maximum energy? |  <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <caption>Energy Content of Some Common Foods</caption> <thead> <tr> <th>Food Item</th> <th>Energy Content (cal/g)</th> </tr> </thead> <tbody> <tr> <td>Chappatis</td> <td>2500</td> </tr> <tr> <td>Green Gram</td> <td>3500</td> </tr> <tr> <td>Boiled Eggs</td> <td>1500</td> </tr> <tr> <td>Bananas</td> <td>1000</td> </tr> </tbody> </table> | Food Item | Energy Content (cal/g) | Chappatis | 2500 | Green Gram | 3500 | Boiled Eggs | 1500 | Bananas | 1000 | B | | | | | | | | | | | | | | |
| Food Item | Energy Content (cal/g) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chappatis | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Green Gram | 3500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Boiled Eggs | 1500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bananas | 1000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">3 chapattis (120 gm)</td> <td style="text-align: center;">1 cup green gram dal (100 gm)</td> <td style="text-align: center;">2 boiled eggs (80 gm)</td> <td style="text-align: center;">1 banana (100 gm)</td> </tr> </tbody> </table> | | | | | | Answer Options | | | | Option A | Option B | Option C | Option D | 3 chapattis (120 gm) | 1 cup green gram dal (100 gm) | 2 boiled eggs (80 gm) | 1 banana (100 gm) | | | | | | | | | | | | |
| Answer Options | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Option A | Option B | Option C | Option D | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 chapattis (120 gm) | 1 cup green gram dal (100 gm) | 2 boiled eggs (80 gm) | 1 banana (100 gm) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S.N | Folder Number & Question Code | Topic | Question With Answers Options | Image (If Any) | Correct Answer (Option – A, B, C, D) | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | 3_17 Science 1872 | Chapter 10 Reaching the age of adolescence | Marathon runners need to stay trim and healthy but also need a lot of energy - which of these foods would be most suitable for a marathon runner? | <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Nutritional Highlights in g/100 g</th> </tr> <tr> <th></th> <th style="text-align: center;">Protein</th> <th style="text-align: center;">Carbohydrates</th> <th style="text-align: center;">Fats</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A.</td> <td style="text-align: center;">11.2</td> <td style="text-align: center;">66.2</td> <td style="text-align: center;">2.1</td> </tr> <tr> <td style="text-align: center;">B.</td> <td style="text-align: center;">26</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0.2</td> </tr> <tr> <td style="text-align: center;">C.</td> <td style="text-align: center;">8.2</td> <td style="text-align: center;">11.5</td> <td style="text-align: center;">9</td> </tr> <tr> <td style="text-align: center;">D.</td> <td style="text-align: center;">8</td> <td style="text-align: center;">10</td> <td style="text-align: center;">0.5</td> </tr> </tbody> </table> | Nutritional Highlights in g/100 g | | | | | Protein | Carbohydrates | Fats | A. | 11.2 | 66.2 | 2.1 | B. | 26 | 0 | 0.2 | C. | 8.2 | 11.5 | 9 | D. | 8 | 10 | 0.5 | A |
| Nutritional Highlights in g/100 g | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Protein | Carbohydrates | Fats | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A. | 11.2 | 66.2 | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B. | 26 | 0 | 0.2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C. | 8.2 | 11.5 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D. | 8 | 10 | 0.5 | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | | Answer Options | | | | |
|-----|-------------------------------|---|---|--|--|--|
| | | Option A | Option B | Option C | Option D | |
| | | A | B | C | D | |
| S.N | Folder Number & Question Code | Topic | Question With Answers Options | Image (If Any) | Correct Answer (Option – A, B, C, D) | |
| 5. | 4_23 Science 9104 | Chapter 10 Reaching the age of adolescence | <p>The US Food and Drug Administration allows certain claims to be made when foods satisfy related conditions. Here are some of those claims: "Fat free": Less than 0.5 gram of fat per serving.</p> <p>"Low fat": 3 grams or less per serving.</p> <p>"Cholesterol free": Less than 2 mg of cholesterol per serving.</p> <p>"Low cholesterol": 20 mg or less of cholesterol per serving.</p> <p>"Saturated Fat Free": Less than 0.5 gram of saturated fat per serving.</p> <p>"Low Saturated Fat": 1 gram or less per serving or not more than 15 percent of</p> | <p>Answer the question based on the information below: Our bodies need energy to live and grow, and this is provided by the food we eat. The energy provided by different nutrients like carbohydrates, fats and proteins is shown in this table: (Other components do not contribute significantly to the total calories.)</p>  | D | |

SET 13-CLASS VIII-SCIENCE

| | | | <p>calories from saturated fat. "Sodium free": Less than 5 mg of sodium per serving. "Low sodium": 140 mg or less per serving. For a serving of 2 slices for which the information is shown, which of these claims can be made?"</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Nutrient</th> <th style="text-align: left;">Calories per gram</th> </tr> </thead> <tbody> <tr> <td>Carbohydrates</td> <td>4</td> </tr> <tr> <td>Fat</td> <td>9</td> </tr> <tr> <td>Protein</td> <td>4</td> </tr> </tbody> </table> | Nutrient | Calories per gram | Carbohydrates | 4 | Fat | 9 | Protein | 4 | | | | | |
|--|--|---|---|--|---|-------------------|---------------|---|-----|----------|----------|----------|----------|---------------------------------|---------|------------|------------------------------------|
| Nutrient | Calories per gram | | | | | | | | | | | | | | | | |
| Carbohydrates | 4 | | | | | | | | | | | | | | | | |
| Fat | 9 | | | | | | | | | | | | | | | | |
| Protein | 4 | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Fat Free and Saturated Fat Free</td> <td style="text-align: center;">Low Fat</td> <td style="text-align: center;">Low Sodium</td> <td style="text-align: center;">(None of these claims can be made)</td> </tr> </tbody> </table> | | | | | | Answer Options | | | | Option A | Option B | Option C | Option D | Fat Free and Saturated Fat Free | Low Fat | Low Sodium | (None of these claims can be made) |
| Answer Options | | | | | | | | | | | | | | | | | |
| Option A | Option B | Option C | Option D | | | | | | | | | | | | | | |
| Fat Free and Saturated Fat Free | Low Fat | Low Sodium | (None of these claims can be made) | | | | | | | | | | | | | | |
| S.N | Folder Number & Question Code | Topic | Question With Answers Options | Image (If Any) | Correct Answer (Option – A, B, C, D) | | | | | | | | | | | | |
| 6. | 4_24 Science 10324 | Chapter 10 Reaching the age of adolescence | In 1747 as the HMS Salisbury sailed from England to the Plymouth Colony, the ship's physician, James Lind, performed a simple experiment to determine what might be effective as a cure for scurvy. On May 20, 1747, Lind divided his 12 ill seamen into six groups (P to | | C | | | | | | | | | | | | |

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| | | | <p>W) of two each. All 12 shared a common diet for breakfast, lunch and dinner but each group received a different supplement as follows:</p> <p>P: quart of apple juice daily Q: 25 drops of elixir vitriol (sulphuric acid and aromatics) R: two spoonful's of vinegar three times a day S: concoction of herbs and spices T: half-pint of sea water daily W: two oranges and one lemon daily</p> <p>Which group(s) of seamen would have recovered fastest due to the supplement given?</p> | | | | | | | | | | | | | | |
|---|-------------------------------|-----------------------------------|--|------------------|--|----------------|--|--|--|----------|----------|----------|----------|------------|---------|--------|------------|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="4" style="text-align: center;">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> <tr> <td style="text-align: center;">Q, R and S</td> <td style="text-align: center;">P and W</td> <td style="text-align: center;">W only</td> <td style="text-align: center;">P, W and T</td> </tr> </table> | | | | | | Answer Options | | | | Option A | Option B | Option C | Option D | Q, R and S | P and W | W only | P, W and T |
| Answer Options | | | | | | | | | | | | | | | | | |
| Option A | Option B | Option C | Option D | | | | | | | | | | | | | | |
| Q, R and S | P and W | W only | P, W and T | | | | | | | | | | | | | | |
| S.N | Folder Number & Question Code | Topic | Question With Answers Options | Image (If Any) | Correct Answer (Option – A, B, C, D) | | | | | | | | | | | | |
| 7. | 4_24 Science | Chapter 10 Reaching the age of | Given below is a doctor's advice to a person: 1. Get your blood glucose levels | | B | | | | | | | | | | | | |

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| | 10342 | adolescence | checked regularly.2. Control your diet 3. Exercise regularly. 4. Take medication without fail. The person to whom this advice is given is MOST likely to be | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|--|---|---|-------------------|-------------------|-------------------|-------------------|----------|----------|----------|----------|-----------------|----------------------------------|------------------|------------|-----|-----|----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">a growing child</td> <td style="text-align: center;">a person suffering from diabetes</td> <td style="text-align: center;">a pregnant woman</td> <td style="text-align: center;">an athlete</td> </tr> </tbody> </table> | | | | | | Answer Options | | | | Option A | Option B | Option C | Option D | a growing child | a person suffering from diabetes | a pregnant woman | an athlete | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Answer Options | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Option A | Option B | Option C | Option D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a growing child | a person suffering from diabetes | a pregnant woman | an athlete | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S.N | Folder Number & Question Code | Topic | Question With Answers Options | Image (If Any) | Correct Answer (Option – A, B, C, D) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. | 4_25 Science 12013 | Chapter 10 Reaching the age of adolescence | <p>The blood glucose level found in urine samples of 4 patients P, Q, R and X at periodic intervals after consumption of a glass of orange juice are shown in the graph below.(mg/dl - milligrams per decilitre)</p> <p>What is patient X likely to be suffering from?</p> | <table border="1" style="display: none;"> <caption>Approximate data from the Blood Glucose graph</caption> <thead> <tr> <th>Time (min)</th> <th>Patient P (mg/dl)</th> <th>Patient Q (mg/dl)</th> <th>Patient R (mg/dl)</th> <th>Patient X (mg/dl)</th> </tr> </thead> <tbody> <tr><td>0</td><td>100</td><td>100</td><td>100</td><td>200</td></tr> <tr><td>30</td><td>100</td><td>100</td><td>100</td><td>210</td></tr> <tr><td>60</td><td>100</td><td>100</td><td>100</td><td>250</td></tr> <tr><td>90</td><td>100</td><td>100</td><td>100</td><td>260</td></tr> <tr><td>120</td><td>100</td><td>100</td><td>100</td><td>280</td></tr> <tr><td>150</td><td>100</td><td>100</td><td>100</td><td>290</td></tr> <tr><td>180</td><td>100</td><td>100</td><td>100</td><td>280</td></tr> <tr><td>210</td><td>100</td><td>100</td><td>100</td><td>280</td></tr> <tr><td>240</td><td>100</td><td>100</td><td>100</td><td>270</td></tr> <tr><td>270</td><td>100</td><td>100</td><td>100</td><td>280</td></tr> <tr><td>300</td><td>100</td><td>100</td><td>100</td><td>280</td></tr> </tbody> </table> | Time (min) | Patient P (mg/dl) | Patient Q (mg/dl) | Patient R (mg/dl) | Patient X (mg/dl) | 0 | 100 | 100 | 100 | 200 | 30 | 100 | 100 | 100 | 210 | 60 | 100 | 100 | 100 | 250 | 90 | 100 | 100 | 100 | 260 | 120 | 100 | 100 | 100 | 280 | 150 | 100 | 100 | 100 | 290 | 180 | 100 | 100 | 100 | 280 | 210 | 100 | 100 | 100 | 280 | 240 | 100 | 100 | 100 | 270 | 270 | 100 | 100 | 100 | 280 | 300 | 100 | 100 | 100 | 280 | A |
| Time (min) | Patient P (mg/dl) | Patient Q (mg/dl) | Patient R (mg/dl) | Patient X (mg/dl) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 100 | 100 | 100 | 200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 100 | 100 | 100 | 210 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 100 | 100 | 100 | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | 100 | 100 | 100 | 260 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | 100 | 100 | 100 | 280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 150 | 100 | 100 | 100 | 290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 180 | 100 | 100 | 100 | 280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 210 | 100 | 100 | 100 | 280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 240 | 100 | 100 | 100 | 270 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 270 | 100 | 100 | 100 | 280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 300 | 100 | 100 | 100 | 280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

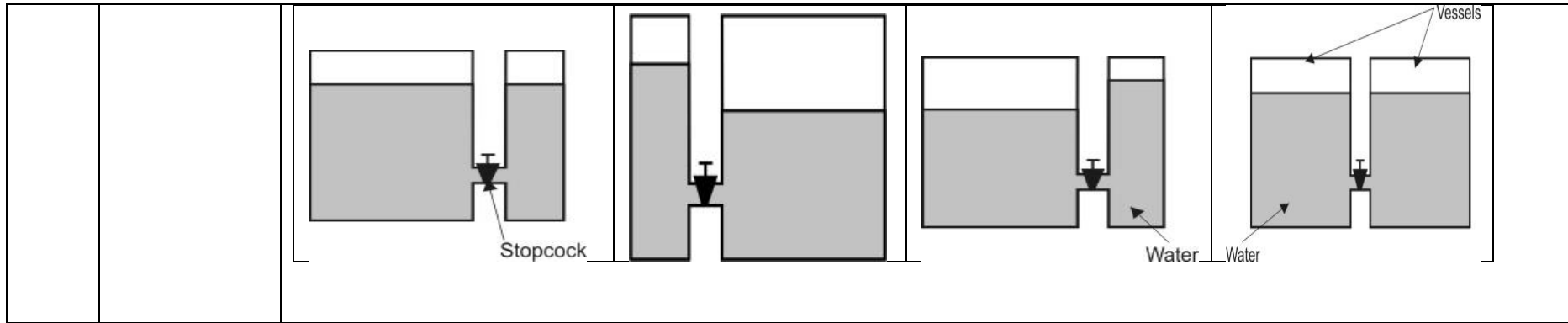
SET 13-CLASS VIII-SCIENCE

| | | Answer Options | | | | | | | | | | | | | | | |
|--------------------------|--------------------------------|--|--|---|--|--------------------------------|-----------------------------|---------|----|----------|----------|----------|----------|--------------------------|------------------------------|-------------------------|-------------------------------|
| | | Option A | Option B | Option C | Option D | | | | | | | | | | | | |
| | | Diabetes | Anaemia | High Cholesterol | Hypertension | | | | | | | | | | | | |
| S.N | Folder Number & Question Code | Topic | Question With Answers Options | Image (If Any) | Correct Answer (Option – A, B, C, D) | | | | | | | | | | | | |
| 9. | 2_10 SCIENCE 4186 | Chapter 10 Reaching the age of adolescence | The chamber of the heart that has the thickest and strongest muscles is the one that- | | C | | | | | | | | | | | | |
| | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td>pumps blood to the lungs</td> <td>receives blood from the head</td> <td>pumps blood to the body</td> <td>receives blood from the lungs</td> </tr> </tbody> </table> | | | | Answer Options | | | | Option A | Option B | Option C | Option D | pumps blood to the lungs | receives blood from the head | pumps blood to the body | receives blood from the lungs |
| Answer Options | | | | | | | | | | | | | | | | | |
| Option A | Option B | Option C | Option D | | | | | | | | | | | | | | |
| pumps blood to the lungs | receives blood from the head | pumps blood to the body | receives blood from the lungs | | | | | | | | | | | | | | |
| S.N | Folder Number & Question Code | Topic | Question With Answers Options | Image (If Any) | Correct Answer (Option – A, B, C, D) | | | | | | | | | | | | |
| 10. | 2_10 SCIENCE 4191 | Chapter 10 Reaching the age of adolescence | Vikram and Ana measure the number of breaths they take per minute while doing different activities. Study these and answer the question. Which of these is a valid conclusion from this data? | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Activity</th> <th style="width: 30%;">Vikram (breaths per minute)</th> <th style="width: 30%;">Ana (breaths per minute)</th> </tr> </thead> <tbody> <tr> <td>Sitting</td> <td style="text-align: center;">12</td> <td style="text-align: center;">14</td> </tr> <tr> <td>Walking</td> <td style="text-align: center;">25</td> <td style="text-align: center;">25</td> </tr> <tr> <td>Running</td> <td style="text-align: center;">40</td> <td style="text-align: center;">39</td> </tr> </tbody> </table> | Activity | Vikram (breaths per minute) | Ana (breaths per minute) | Sitting | 12 | 14 | Walking | 25 | 25 | Running | 40 | 39 | B |
| Activity | Vikram (breaths per minute) | Ana (breaths per minute) | | | | | | | | | | | | | | | |
| Sitting | 12 | 14 | | | | | | | | | | | | | | | |
| Walking | 25 | 25 | | | | | | | | | | | | | | | |
| Running | 40 | 39 | | | | | | | | | | | | | | | |

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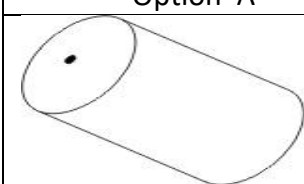
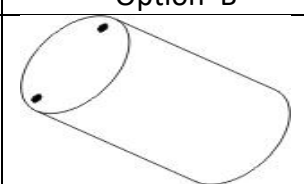
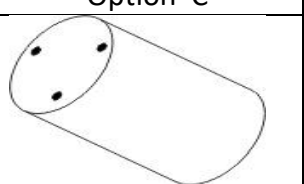
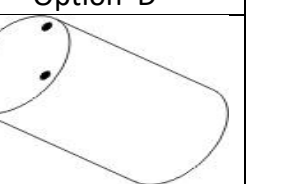
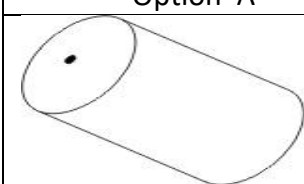
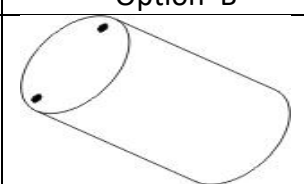
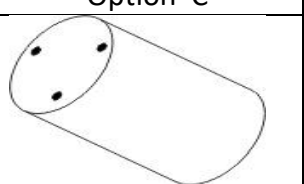
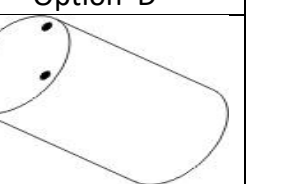
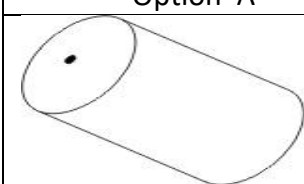
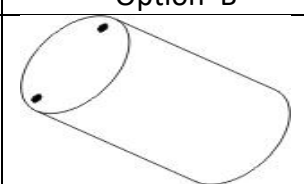
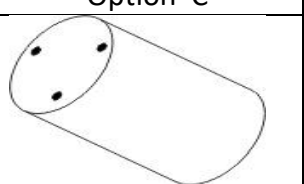
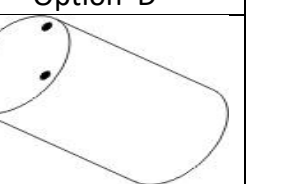
| | | | | | |
|-----|--------------------------------------|---|---|--|--|
| | | | | do work. | |
| 12. | 2_9 SCIENCE 5033 | Chapter 10 Reaching the age of adolescence | On a hot day, why do we feel more thirsty than usual? | C | |
| | | Answer Options | | | |
| | | Option A | Option B | Option C | Option D |
| | | Because the food eaten has to be properly digested. | Because our body temperature rises. | Because we lose more water due to perspiration (sweating). | Because the digestive system dries up in the heat. |
| 13. | 1_3 Science 7362 | Chapter 11 Force and Pressure | In the setups shown, two vessels of different sizes are filled with water as shown. The two vessels are connected by a tube. When the stopcock is opened, in which case will water flow from the vessel on the left to the vessel on the right? | B | |
| | | Answer Options | | | |
| | | Option A | Option B | Option C | Option D |

SET 13-CLASS VIII-SCIENCE



| S.N | Folder Number & Question Code | Topic | Question With Answers Options | Image (If Any) | Correct Answer (Option – A, B, C, D) | | | | | | | | | | | | |
|---|--------------------------------|--|---|------------------|--|----------------|--|--|--|----------|----------|----------|----------|--------------------------|--------------------------------|----------------------------|---|
| 14. | 1_3Science 6655 | Chapter 11 Force and Pressure | What happens when air is pumped into a cycle tube using a pump? | | B | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center; padding: 5px;">Answer Options</th> </tr> <tr> <th style="width: 25%; text-align: center; padding: 5px;">Option A</th> <th style="width: 25%; text-align: center; padding: 5px;">Option B</th> <th style="width: 25%; text-align: center; padding: 5px;">Option C</th> <th style="width: 25%; text-align: center; padding: 5px;">Option D</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Air expands in the tube.</td> <td style="padding: 5px;">Air is compressed in the tube.</td> <td style="padding: 5px;">Air is cooled in the tube.</td> <td style="padding: 5px;">There is no change in any of these properties of air.</td> </tr> </tbody> </table> | | | | | | Answer Options | | | | Option A | Option B | Option C | Option D | Air expands in the tube. | Air is compressed in the tube. | Air is cooled in the tube. | There is no change in any of these properties of air. |
| Answer Options | | | | | | | | | | | | | | | | | |
| Option A | Option B | Option C | Option D | | | | | | | | | | | | | | |
| Air expands in the tube. | Air is compressed in the tube. | Air is cooled in the tube. | There is no change in any of these properties of air. | | | | | | | | | | | | | | |

SET 13-CLASS VIII-SCIENCE

| S.N | Folder Number & Question Code | Topic | Question With Answers Options | Image (If Any) | Correct Answer (Option – A, B, C, D) | | | | | | | | | | | | |
|---|--|---|---|------------------|--|----------------|--|--|--|----------|----------|----------|----------|---|--|---|--|
| 15. | 2_9 Science 6063 | Chapter 11 Force and Pressure | <p>Pankaj wants to empty a new and completely filled tin of oil. He thinks that he will make hole(s) on the top of the tin and then empty it (as shown in the picture). What is the minimum number of holes he should make so that the oil flows properly from the tin?</p> | | B | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px auto;"> <thead> <tr> <th colspan="4" style="text-align: center; padding: 5px;">Answer Options</th> </tr> <tr> <th style="width: 25%; text-align: center; padding: 5px;">Option A</th> <th style="width: 25%; text-align: center; padding: 5px;">Option B</th> <th style="width: 25%; text-align: center; padding: 5px;">Option C</th> <th style="width: 25%; text-align: center; padding: 5px;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 10px;">  A. One </td> <td style="text-align: center; padding: 10px;">  B. Two </td> <td style="text-align: center; padding: 10px;">  C. Three </td> <td style="text-align: center; padding: 10px;">  D. Four </td> </tr> </tbody> </table> | | | | | | Answer Options | | | | Option A | Option B | Option C | Option D |  A. One |  B. Two |  C. Three |  D. Four |
| Answer Options | | | | | | | | | | | | | | | | | |
| Option A | Option B | Option C | Option D | | | | | | | | | | | | | | |
|  A. One |  B. Two |  C. Three |  D. Four | | | | | | | | | | | | | | |