

# *EaD Comprehensive Lesson Plans*



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**BASIC 8**

**WEEKLY LESSON PLAN – WEEK 1**

**DISCUSSION OF LAST TERM EXAMINATION QUESTIONS  
(REVISION)**

|                    |   |   |  |   |
|--------------------|---|---|--|---|
| <b>Week Ending</b> | 30-06-2023  |   |  |   |
| <b>Class</b>       | B.S.8   | <b>Class Size:</b>  |  | <b>Duration:</b>  |
| <b>Subject</b>     | Mathematics;  |   |  |   |
| <b>Reference</b>   | Examination Questions, Marking Scheme, Learners Note books, Marked Scripts.   |   |  |   |
| <b>DAYS</b>        | <b>PHASE 1 :<br/>STARTER</b>  | <b>PHASE 2: MAIN</b>  |  | <b>PHASE 3:<br/>REFLECTION</b>  |
| <b>WEDNESDAY</b>   | Ask Learners to take their copies of the Previous term examination questions and the marked answer sheets for discussion. | <p>1. Select a model reader to read the essay type questions to the class.</p> <p>2. Call Individual Learners at random to answer questions.</p> <p>3. Discuss questions with the Learners.</p> <p><b>Samples of Essay Type Questions;</b></p> <p>Answer only four questions from this section.</p> <p>1. (a) Write these numerals in words.<br/>(i) 2,408,321<br/>(ii) 10567451</p> <p>(b) Skip count in 500s up to the fifth number.<br/>(i) 1,800,000, _____, _____, _____,<br/>_____, _____<br/>(ii) 700,000, _____, _____, _____,<br/>_____</p> <p>(c) Find the H. C. F. of 42 and 36</p> <p>2. (a) There are 80 farmers in a certain village who grow maize and rice or both. Out of the 80 _____ farmers, 50 grow maize and 60 grow rice.<br/>(i) Represent the information on an venn diagram.<br/>(ii) If x of them grow both crops, write on equation in x and solve forit.</p> <p>(b) Use the partitioning or expanded form to subtract 37.85 ffrom 193.60</p> |  | Give Learners exercise on samples of the examination questions to answer in their exercise books. |

(c) List the prime products of 2700.

3. (a) Kofi bought 8 note books at GH¢12.00 each. Ama bought 12 pens at GH¢5.00 each. How much altogether they spend on the items?

(b) Solve these equations.

(i)  $\frac{1}{27} = 3^x$

(ii)  $22^x = 16$

(c) Simplify the following:

(i)  $\frac{3}{4} \div \frac{5}{8} + \left(\frac{4}{5} - \frac{1}{2}\right)$

(ii)  $\left(\frac{3}{4} + \frac{5}{8}\right) \times \frac{4}{11} - \frac{1}{2}$

4. (a) The diameter of a wawa tree is currently 10 inches when it is measured at chest height. After 50 years, the diameter is expected to increase by an average growth of  $\frac{2}{5}$  inch per year. The equation  $y = \frac{2}{5}x + 10$  gives you y, the diameter of the tree in inches, after x years.

(i) Copy and complete the table below

|                        |   |    |    |    |    |
|------------------------|---|----|----|----|----|
| X (years)              | 0 | 10 | 20 | 30 | 50 |
| Y (diameter in inches) |   |    |    |    |    |

(ii) On a graph sheet, draw two perpendicular axes ox and oy.

(i) Using a scale of 2cm to 5 unit on the y-axis and 2cm to 10 unit on the x-axis, mark ox axis from 0 to 60 and oy-axis from 0 to 40

(b) Plot the points and Join them with a straight line.

|                        |   |   |  |
|------------------------|---|---|--|
| <p><b>THURSDAY</b></p> | <p>A model reader to read multiple choice questions to the class.</p> | <ol style="list-style-type: none"> <li>1. Call Individual Learners at random to choose correct answers among options.</li> <li>2. Learners brainstorm to give reasons or explanations to their answers.</li> <li>3. Discuss with Learners answers to challenging multiple choice.</li> </ol> <p><b>Samples of Objective Test Questions;</b></p> <ol style="list-style-type: none"> <li>1. Write two million, four hundred and eight thousand, three hundred and twenty-one in figures. <ol style="list-style-type: none"> <li>A. 2,408,321</li> <li>B. 240,081,321</li> <li>C. 2,040,832</li> <li>D. 2,408,302</li> </ol> </li> <li>2. Write 8765049 in standard form <ol style="list-style-type: none"> <li>A. <math>8.765049 \times 10^6</math></li> <li>B. <math>87.65049 \times 10^6</math></li> <li>C. <math>8.765049 \times 10^{-6}</math></li> <li>D. <math>8765649 \times 10^6</math></li> </ol> </li> <li>3. Express 975.867470 to three decimal places. <ol style="list-style-type: none"> <li>A. 975.870</li> <li>B. 975.8675</li> <li>C. 975.867</li> <li>D. 975.8678</li> </ol> </li> <li>4. Identify the set of perfect square numbers from 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18,.... <ol style="list-style-type: none"> <li>A. {16, 12, 15}</li> <li>B. {4, 9, 16}</li> <li>C. {6, 8, 10}</li> <li>D. {16, 17, 18}</li> </ol> </li> <li>5. What is the square root of 225? <ol style="list-style-type: none"> <li>A. -15</li> <li>B. 25</li> <li>C. 15</li> <li>D. -25</li> </ol> </li> </ol> | <p>Give Learners exercise on samples of the A-D multiple choice questions to answer in their exercise books.</p> |
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**Name of Teacher:**

**School:**

**District:**