



## Guidelines for Creating Question Banks

**eVidyaloka** Question Bank is a chapter wise collection of questions for both Science and Mathematics, across all the boards. It's a collection of questions in English and regional languages. Questions are to be created for an entire topic that range from very easy to high order thinking category. Based on **Blooms Taxonomy** a question bank is divided into the following three sections:

- Remember or Recall facts, definitions, list, state etc. These will be the **easy (E)** type of questions which will be of 40%. Questions in this section are very easy to answer and are typically Memory / knowledge and understanding based.
- Evaluate Understanding through questions on classifying, locate, recognize, identify etc. These will be the moderate **(M)** type of questions which is of 40%. Questions in this section are little difficult to answer. These mainly require comprehension and application of concept/skills.
- Application through solving, using, demonstrate etc. difficult **(D)** type of questions of 20%. Questions in this section are challenging which need reasoning, application and analysis of concepts/ideas.

### Key points to consider while creating the questions:

- Every chapter should contain multiple sets of question papers, 25 marks each. Depending on the complexity of the chapter, the number of sets would vary from 2 to 3.

Section	Description	No. of questions (18)	Total marks (25)
A	Fill in the blanks, true/false, MCQ, One word answer type, very short answer type (1 mark each)	$6 + 3 + 3 = 12$ (E + M + D)	12 (12 X 1 = 12)
B	Short answer type (can be subdivided in to very short answers for easy questions) (2 mark each)	$2 + 2 + 1 = 5$ (E + M + D)	10 (5 X 2 = 10)
C	Long answer type (can be subdivided). (1.5 mark each)	1 = 1 (M)	3 (1 X 3 = 3)

- Mention the marks allotment for each question as well as section.
- Please create a set of questions (for an entire chapter) that range from very easy to high order thinking category. A set of question paper could ideally include questions in the following proportions:
  - Easy (E) - 40%** (10 marks) -These questions are very easy to answer and are typically memory/knowledge and understanding based. Every student can be expected to answer them.



- o **Moderate (M) - 40%** (10 marks) - These are little difficult to answer but can be answered by most students. These mainly require comprehension and some application of a concept/s.
- o **Difficult (D) - 20%** (5 marks) - These are challenging questions which need reasoning, application and analysis of concepts.
- Avoid including questions directly from the textbook exercises. Please be creative while making the questions but ensure that the questions are not out of syllabus.
- A separate answer key needs to be provided along with the question paper/s.

## **Description of sections**

### **Section A:**

It can contain the following types of questions.

- **Fill in the blanks: 3 questions**  
It should contain direct questions like terminology, identifying missing terms, sequencing numbers etc.
- **True/False: 2 questions**  
It should contain argument based questions.
- **MCQs :3 questions**  
While making the MCQs, out of four options given, two of the options should be easily eliminated and other two options should make the child to think and answer.
- **One word answer type questions: 1 question(for science only)**  
These should be answered in a single word.  
For **maths**, a matching the sums with answers or formula can be asked (**4 questions**).
- **Very short answer type questions:1 question(for science only)**  
These should be answered in a single sentence of four or more words (depending on the age group).

### **Section B:**

It will have short answer questions.

- **Difficult range questions:**  
Try to include story based/situation based questions which students find interesting and will make their best efforts to answer.

In **Math**, include questions like problems using formula and the minimum number of steps taken to solve.



eVidyaloka

To Educate - Anywhere Anytime

It also can be asking the students to correct the wrong answers given with the questions.

In **Science**, reasoning questions, diagram based questions, scientific terms etc.....

**Section C:**

This section contains only one question of moderate range.

The question can be application based.

A template is attached below which can be used to create new question banks.



Template\_Question  
Bank.doc

Please name the Question Bank as follows:

**QB<Number>\_<Grade>\_<Subject>\_<ChapterName>\_<Board>.docx**