

You would receive a few more Sample Questions of your Subject Track once you complete the registration.

### Sample Questions

#### Section 1: Subject Knowledge

*Middle School English 2015*

**The heart attack was a setback. Anita had to rest and take medicines. Her mother helped out with the kids and with dinner. Her hours at the bakery were reduced.**

**Q1) Including the sentence, “The bakery, Splendiferous, sold delicious pastry.” would:**

- A. Clarify the passage as Anita works at the bakery.
- B. Distract as details of the bakery are unnecessary here.
- C. Neither add nor detract from the passage, as it is the same.
- D. Make the passage more personal.

Mark: 1

*Middle School Mathematics 2015*

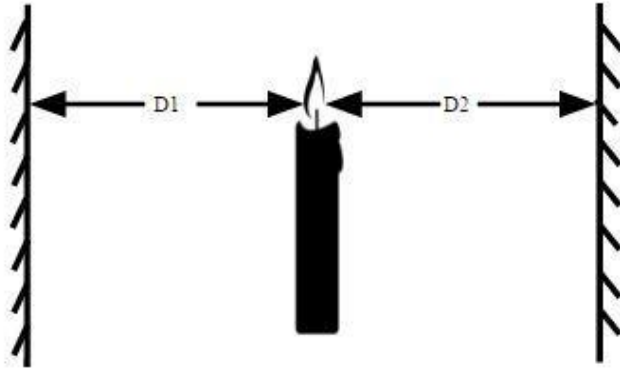
**Q2) Mr. Tamhane wanted to start the topic of algebraic functions for his students. Before that, he wanted to check if the students are ready for it, and decided to give a few problems to check their concepts. Which of these problems would it be least relevant for his purpose?**

- (A) If you have 4 milk chocolates and 6 dark chocolates in a bag, and pick one chocolate randomly, what is the chance that it will be a milk chocolate?
- (B) If you want to distribute 50 chocolates equally among 12 children, after keeping 5 for yourself, how many chocolates will finally be left?
- (C) Plot the following points on an X-Y graph: (3, 4), (0, 1), (10, 5).
- (D) You were 10 years old when your father was 40. Today you are 35 years old. How old is your father today?

Marks: 1

*Middle School Science 2016*

**Q3) Figure below shows images formed by two parallel mirrors. There will be an infinite number of images formed. What will be the distance of the second closest image I<sub>2</sub> from the mirror on the right? Given: D<sub>1</sub> = 0.8 m and D<sub>2</sub> = 1.3 m.**



11

12

- A. 2.1 m
- B. 2.9 m
- C. 3.7 m
- D. 4.2 m

Marks: 3

*Middle School English 2016*



**Q4) Standard VIII English teacher Mr. Subramaniam wanted his students to write two versions of the common hare and tortoise story based on this image, one using only direct speech and one using only indirect speech, both meaning the same. Before giving this exercise, he wanted to check the students' readiness for the same. Which of the following grammar exercises would be least relevant for checking readiness?**

- A. Change the following from future tense sentences to hypothetical sentences using simple past.
- B. Replace nouns by pronouns wherever appropriate, in the following paragraph.
- C. Change the following sentences from present tense to present continuous tense.
- D. Replace each of the following pairs of sentences with a single sentence, using appropriate joining words.

Marks: 3

### Section 2: Classroom Practice

**Q5) Which of the following answers lists in correct order the planning process for lesson designs?**

- A. Decide what evidence to use for student learning, identify desired results, plan learning experiences.
- B. Identify desired results, plan learning experiences, decide what evidence to use for student learning.
- C. Identify desired results, decide what evidence to use for student learning, plan learning experiences.
- D. Plan learning experiences, identify desired results, and decide what evidence to use for student learning.

Marks: 1

**Q6) Mr. Prakash teaches 50 students and knows that about ten of them need significant additional support that he is not able to provide. The Principal of the school asks him to identify five students for a respected remediation program in Maths offered by student volunteers from a nearby college. The volunteers can cover at most two to three topics with these students.**

**To identify the five students, Mr. Prakash conducts a 30-question Maths test, on ten different topics, and analyses the data to take a decision. Which of the following analyses will be most relevant for this purpose?**

- A. Total scores for all topics taught
- B. Score of all students in topics with the highest class average
- C. Standard deviation of scores
- D. Mean, median and mode of the class

Marks: 2

**Q7) Ms. Divya has been a teacher in a high-end school for 10 years and has always tried to involve parents of her students in school activities. She has recently relocated to a small town and has joined as a teacher in a low cost private school serving mostly poor children. Should she continue to try and involve parents in school activities, which is currently not being done in this school?**

- A. Yes. The school has limited resources and she should continue to get parents involved and contribute.
- B. Yes. Parents are an integral part of a child's education and should be involved in school activities.
- C. Yes. She would be able to establish herself as a pioneer in her new school with this initiative.
- D. Yes. The parents here are likely illiterate and poor, and this is a good opportunity for them also to learn.

Marks: 1

**Q8) You have given three different tasks to three groups in your classroom.  
Group 1: Compare the given figures and find out which one occupies more area. Group 2: Calculate the perimeter of the given shapes using a ruler. Group 3: Find out how many steps you can take along the sides of the classroom walls by walking heel to toe. On what basis have these groups most likely been created?**

- A. Based on student learning styles.
- B. Based on student learning levels.
- C. Based on student interest in Maths.
- D. Based on students' cognitive ability.

Marks: 2

### **Section 3: Logical Ability and Communication**

**Q9) 3 friends - Heena, Beena, Jatin - have the following vehicles among them: small car, bicycle, jeep. No one has a vehicle that starts with the same letter as their name. Beena cannot**

**take everyone in her vehicle and Jatin does not have the biggest vehicle. What vehicle does Heena have?**

- A. Small car
- B. Bicycle
- C. Jeep
- D. Cannot say

Marks: 1

**Q 10) One of your students Mohan often disturbs the class. Finally you ask him to write an apology note. He writes: *Respected teacher, you asked me to write an apology note. Actually Ram keeps disturbing me. While trying to respond to him, I happen to disturb the class. I know we should resolve our issues ourselves. I have not been able to resolve this and am unfortunately pulling you in. I am sorry for this.* How would you interpret this apology note by Mohan?**

- A. Mohan did not apologize.
- B. Mohan apologized for disturbing the class.
- C. Mohan apologized for pulling the teacher into his issues with Ram.
- D. Mohan apologized for both disturbing the class and pulling the teacher into his issues with Ram.

Marks: 1

**Answer Key**

- 1. B
- 2. A
- 3. B
- 4. C
- 5. C
- 6. B
- 7. B
- 8. B
- 9. C
- 10. C