SECTION 1
Subject Expertise

Primary – Mix of Subjects

1) Raju wrote in an essay:

The Taj Mahal was built by the king in memory of his wife. Therefore it helps the government attract a lot of tourists.

Class IV teacher Mr. Kapoor asked Raju to replace 'Therefore' by a different transition word. What do you think is Mr. Kapoor’s reason to say that?

A. ‘Therefore’ is not a commonly used transition word. It is a conjunction.
B. ‘Therefore’ is used to denote consequence of something but that is not the case here.
C. Though commonly practiced, it is grammatically incorrect to start a sentence with ‘therefore’.
D. ‘Therefore’ can be used in an essay only if you are arguing in favour of a subjective opinion.

Marks: 2
Bloom’s Taxonomy Level: Application
Correct Option: Option B

Middle School Science

2) If a man was hammering a nail into the ground and an elephant was standing on the ground, which of the following statements is true?

A. The elephant applies greater force and pressure.
B. The man hammering the nail applies greater force and pressure.
C. The elephant applies greater force and man hammering a nail applies greater pressure.
D. The man hammering the nail applies greater force and elephant applies greater pressure.

Marks: 1
Bloom’s Taxonomy Level: Understanding
Correct Answer Option: C

Middle School Social Studies

3) A mountain range is formed by the thrusting, collision and buckling of rocks near plate boundaries. Which type of mountain is it most likely to be? And which mountain range is an example for that?

A. Fold mountain; Satpura
B. Fold mountain; Aravalli
C. Fault-Block mountain; Satpura
D. Fault-Block mountain; Aravalli

Marks: 2
Bloom’s Taxonomy Level: Knowledge
Correct Option: Option B

Secondary School Biology

4) Through a lipid profile test, the doctor identifies that Umesh, a 40-year-old man, has high cholesterol in his bloodstream. The doctor wants to find out the cause for the same. After asking Umesh a few questions and making clinical observations, the doctor asks him to undertake a thyroid test but says there is no need for a sugar test. What did the doctor most likely find out through the questions and observations?

A. Umesh has been eating a lot of fried food and urinating frequently.
B. Umesh has been eating normal food but has gained weight.
C. Umesh is urinating frequently and has lost weight in spite of eating normal food.
D. Umesh has been eating a lot of fried food and has gained weight.

Marks: 2  
Bloom’s Taxonomy Level: Application  
Correct Answer: Option B

**Senior Secondary School Economics**

5) Noticing private schools increase their fees dramatically, the government steps in to introduce a ceiling to the fees. How can the government now help the market reach equilibrium?
   i. Increase the tax on private school owners
   ii. Advertise actively to increase demand for education
   iii. Reduce infrastructure requirements for private schools
   iv. Attract students to government schools
   v. Help poor students attend private schools by supporting their fees

A. (i) and (iv)  
B. (iii) and (v)  
C. (ii), (iii) and (iv)  
D. (iii) and (iv)

Marks: 3  
Bloom’s Taxonomy Level: Understanding  
Correct Option: Option D

**SECTION 2**

**Content Development**

**Subject Specific:**

**Primary – Mix of Subjects**

6) In an assessment conducted by Class IV teacher Ms. Parul, a majority of her students identified 1/7 as being greater than 1/3. Which of the following exercises should Ms. Parul conduct to address the misconception?
   A. Ask a student to pick one block from seven given blocks and another student to pick one block from three given blocks. Ask the other students to comment on which is a bigger fraction.
   B. Draw two equal circles, each with four equal parts. Shade two parts in one and three parts in the other. Ask the students which is a bigger fraction to test whether they can compare fractions with equal number of total parts.
   C. Explain to the students that while comparing unit fractions, the fraction with the bigger number in the denominator is always smaller
   D. Draw two equal circles. Ask students to divide one circle into five equal parts and the other into eight equal parts. Ask them which part is bigger.

Marks: 2  
Theme: Pedagogical Method  
Correct Option: Option D

**Secondary School English**

7) High school English teacher Mr. Venugopal asks his students to form a circle. He provides the starting line of a story and asks each student by turn to add any sentence of his/her choice and continue this exercise for three to four rounds. Though such an exercise is commonly used to develop ‘creative writing’, what additional/restriction can
Mr. Venugopal used to orient this activity much more towards ‘comprehension’?

A. Ask each student to specify whether he/she is ‘continuing’ the story as-is, ‘deepening’ it or ‘changing’ it, and then provide his/her sentence.
B. At the end of the whole exercise, ask each student to put down his/her view of the ‘main idea’ of the passage or story that has been formed and compare the main ideas of the class.
C. At the end of every five sentences, ask a short question to ‘check for understanding’ and then ask the next student to continue.
D. Ask each student to pick and state the most important word from the previous student’s sentence and then provide his/her own sentence using that word.

Marks: 1
Theme: Topic Specific Lesson Planning
Correct Answer: A

Subject Agnostic:

8) If you are helping a student build METACOGNITIVE SKILLS, which of the following questions would be the most appropriate one to ask BEFORE a learning task?

A. How much time will you need to complete this task?
B. What are the resources you need to complete this task?
C. How will you decide your first step to approach this task?
D. What are the activities involved in this task and in what sequence will you plan them?

Marks: 2
Theme: Components of Lesson Plan
Correct option: C

SECTION 3
Student Assessment
Subject Specific:

9) Primary teacher Ms. Shivani gave the following problem in class:
A company started a campaign to donate toys to underprivileged children. Ram and Shyam, employees of the company, pooled 17 toys for donation. However, five of Ram’s toys and two of Shyam’s toys were broken and not used. Additionally, the company had 2080 export toys, which they decided to donate. If the company distributed the toys to 700 children, write the expression for the number of toys each child would get.

Below are the responses from 4 of her students.

Student I: 2080 + [(17 - 5 + 2) ÷ 700]
Student II: [2080 ÷ (17 - (5 + 2))] ÷ 700
Student III: [2080 ÷ (17 - 5 + 2)] ÷ 700
Student IV: [2080 ÷ (17 - (5 + 2))X2] ÷ 700

Which option describes the most appropriate insights for Ms. Shivani to derive from this assessment?

A. Student I needs to understand the use of brackets. Student III needs to understand BODMAS simplification. Student IV needs reading comprehension practice. Student II is correct.
B. Student I needs reading comprehension practice. Student III needs to understand the use of brackets. Student IV needs reading comprehension practice. Student II is correct.
C. Student I needs to understand the use of brackets. Student III needs to understand the use of brackets in subtraction. Student IV needs reading comprehension practice. Student II is correct.
D. Student I needs to understand the use of brackets. Student III needs reading comprehension practice. Student IV needs reading comprehension practice. Student II is correct.

Marks: 3
Theme: Insights from Assessment
Correct Answer: C

Middle School English

10) Ms. Meenakshi was making corrections in an essay written by one of her students. For the following two sentences from the student’s essay, what would be the best alternative for Ms. Meenakshi to suggest?

“I would like to be a banker because bankers make more money. Luckily, my father is in full agreement with the same”.

A. I would like to be a banker because bankers have a challenging and useful job. Luckily, my father is in full agreement with the same.
B. I would like to be a banker because bankers make a lot of money. Luckily, my father is in full agreement that they make a lot of money.
C. I would like to be a banker because bankers have a challenging and useful job. Luckily, my father is in full agreement with my idea to become a banker.
D. I would like to be a banker because bankers make a lot of money. Luckily, my father is in full agreement with my idea to become a banker.

Marks: 1
Theme: Suggestions for improvement to student
Correct Option: Option D

Subject Agnostic:

11) If you take a multiple-choice test on a short topic, tabulate scores and write each student’s score in his/her notebook, would it serve the purpose of formative assessment, or not?

A. Yes: formative assessments are taken to evaluate student performance on short topics.
B. No: formative assessments are taken to give students explicit feedback which is not given here.
C. Yes: formative assessments are taken to provide the teacher a view of comparative student performance.
D. No: formative assessments are taken in the form of activities and not written tests.

Marks: 1
Theme: Assessment Methods
Correct Option: Option B

SECTION 4
Professional Competencies and Classroom Communication

12) If you find that 25% of your class has not understood the most basic concepts of geometry and you need to address this urgently, which grouping strategy is likely to be useful for you?

A. Heterogeneous groups with mix of learning styles (e.g. visual, auditory, kinesthetic).
B. Homogeneous groups based on learning styles.
C. Heterogeneous groups with mix of learning levels.
D. Homogeneous groups based on learning levels.

Marks: 2
Theme: Classroom Management Techniques
Correct Answer: Option D
13) 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 children from under-privileged families. 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
Theme: Engagement with Parents
Correct Option: Option B

14) Five companies - Alpha, Beta, Delta, Gamma and Teta - transports cars, clothes, fish, paint and steel (not necessarily in that order). There is only one truck available and each company transports its product on different days of the week - Monday, Tuesday, Wednesday, Thursday and Friday (not necessarily in that order). Below is some information we know:

1. Alpha does not transport on the first day and it transports edibles.
2. Beta transports on the last day.
3. Company that transports on the first day transports cars.
4. Delta transports clothes and it cannot be transported on adjacent days of transportation of fish.
5. Gamma transports after Teta.

What does Gamma transport and when?

I. Steel on Wednesday
II. Steel on Thursday
III. Paint on Wednesday
IV. Paint on Thursday

A. Only I
B. Only II
C. I or II
D. I or III

Marks: 3
Theme: Logical Ability
Correct Answer Option: D

15) A student in your class has been sent to school in untidy and shabby school uniform for many days now. You as the class teacher have to write a note to his parents to ensure that they address this. The note has to be clear and at the same time not offend or embarrass the parents. Which of the following notes will you select from?

A. As per the school's guidelines on health and hygiene, your child may not be meeting the expected standards. I request you to re-read the guidelines in detail.
B. Your child has been coming to school in an untidy uniform. I request you to look into the matter and send him in a clean uniform, as per the school's guidelines on health and hygiene.
C. Health is wealth and cleanliness is Godliness! Please help your child experience wealth and Godliness by sending him to school in a neat and tidy uniform.
D. Your child's unclean attire might lead other students to file a complaint with the hygiene department of the school. Please avoid your child the embarrassment and address the issue quickly.

Marks: 2
Theme: Sensitivity in Communication
Correct Option: Option B