



# Kāsiga School

## Sample Question Paper

English

Math

Geography

Economics

For admission to class 11 Commerce

Time: 3 hrs

Total: 150 marks

### English Section A

The worst days of any summer are the rainy ones. We spend all year looking forward to nice weather and long, hot days. All of winter, with its dreary gray days and bitter cold, we dream of those endless days at the beach, lying on the sand and soaking in the bright and burning sun. And then, summer comes, and it rains. As a child, I would wake up to rainy summer days and come close to crying. It wasn't fair. We suffered through months of school and miserable weather for those scant ten weeks of freedom and balmy weather. Any day that I could not spend at the beach or playing ball with my friends seemed like a punishment for something I didn't even do.

On those rainy summer days, I had nothing fun to do and could only sit inside, staring out at the rain like a Dickensian orphan. I was an only child, so there was no one else to play with. My father worked from home, so I was not truly alone, but he could not actively play with me since he was technically at work. It was those days that I would resign myself to whatever was on television or any books that I could find lying around. I'd crawl through the day and pray each night that the rain would not be there the next day.

As an adult, though, my opinion of summer rain has changed. When you have to work every day, summer is not as eagerly anticipated. Mostly, the days run together, bleeding into each other so that they no longer seem like separate entities and instead feel like continuations of the same long day. Everything seems monotonous and dull, and an ennui or listlessness kicks in. Such a mindset makes you cheer for anything new or different. I spend the winter dreaming of summer and the summer dreaming of winter. When summer comes, I complain about how hot it is. And then I look forward to the rain, because the rain brings with it a cold front, which offers a reprieve—admittedly one that is all too short—from the torture of 100° and humid days. Rainy days are still the worst days of the summer, but summer rain today means positively beautiful—and considerably cooler—weather tomorrow.

**Q1. Tick the correct option:**

**(5)**

**1) The passage makes use of language that is**

- a. metaphorical
- b. rhetorical
- c. formal
- d. ambiguous

**2) According to the passage, summer is different for adults because**

- a. rain brings with it cold temperatures for the following days
- b. the weather is much warmer than it is for children
- c. they do not get a long time off from work for the season
- d. they better know how to occupy their downtime

**3) According to the passage, which of the following is a true statement about the narrator as a child?**

- a. He or she was often bored on summer days.
- b. He or she preferred cooler weather.
- c. He or she liked staying indoors.
- d. He or she had no siblings.

**4) Compared to how he or she was as a child, the narrator as an adult is**

- a. more realistic
- b. less excitable
- c. more idealistic
- d. less calm

**5) As used in the final paragraph, the word reprieve most nearly means**

- a. permanent conclusion
- b. short continuation
- c. higher level of pain
- d. temporary break

**Q2. Answer the following questions:**

**(15)**

- a.** The author of this passage describes his or her feelings about rainy summer days. In general, how do you feel about such days? Do you agree with the author's opinions, or do you not mind this type of weather? Briefly explain your views below.

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- b.** In paragraph 4, the author describes why he or she no longer looks forward to summertime the way he or she used to do as a child. What do you think of this change? Do you believe that you will come to feel this way one day? Why or why not?

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- c.** The author writes in paragraph 4 that he or she "spends the winter dreaming of summer and the summer dreaming of winter." On the other hand, many people would say that they have specific favorite seasons or times of year. How do you feel? Do you have a favorite season, or do you always look forward to whatever is to come? Why?

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## Section B

**Q3. Complete the passage: (6)**

Rivers are considered holy \_\_\_\_\_ India but they are hardly treated \_\_\_\_\_ respect. All kinds of dust and filth find \_\_\_\_\_ way into rivers. If we have to treat and purify the water \_\_\_\_\_ drinking it, how can the fish survive in \_\_\_\_\_ waters? Every year river Gomti becomes \_\_\_\_\_ death bed of thousands of fish because of the polluted water.

**Q4. Rearrange the following words and phrases to form meaningful sentences. (4)**

- a. an antidote/ and pain/ is/ to stress/ laughter  
\_\_\_\_\_
  
- b. for toning/ a good exercise/ up/ it is/ facial muscles  
\_\_\_\_\_
  
- c. are stabilized/ is improved/ body functions/ and blood circulation  
\_\_\_\_\_
  
- d. between/ distance/ two people/ laughter/ shortest/ is the  
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**a. You are Amit/Amita. Write an e-mail to your younger brother/sister, who has recently joined a boarding school, emphasizing the importance of a good breakfast in about 200 words (12)**

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## Mathematics

**Q1. For what value of K, the quadratic equation  $2kx^2 - 40x + 25 = 0$  has equal roots. (3)**

**Q2. A pair of dice is thrown once. What is the probability of getting the sum of numbers on two dice as 11? (3)**

**Q3. For what value of K;  $2K - 7$ ,  $K + 5$  and  $3K + 2$  are the consecutive terms of an A.P. (3)**

**Q4. In a circle, of radius 21cm, an arc subtends an angle of  $60^\circ$  at the centre. Write the length of the arc. (3)**

**Q5. What is the mean of the data, whose median is 17 and mode is 15. (3)**

**Q6. Write the zeroes of the polynomial  $x^2 - 5x - 6$ . (3)**

**Q7. Show that the points L(- 2 , 3 ) , M ( 1,2 ) and N (7,0) are collinear . (3)**

**Q8. Prove that the points (-3, 0), (1, -3) and (4, 1) are the vertices of an isosceles right triangle. (4)**

**Q9. Find the sum of all three digits numbers which leave remainder 3, when divided by 5. (5)**

**Q10. Solve the following system of linear equations graphically:  $3x+y-12=0$   $x-3y+6=0$   
Shade the region bounded by these lines and the x-axis.(Use graph) (5)**

**Q11. Prove that:  $(\sin\theta + \sec\theta)^2 + (\cos\theta + \operatorname{cosec}\theta)^2 = (1 + \sec\theta\operatorname{cosec}\theta)^2$ . (5)**

**Q12. The median of the following data is 20.75. Find the missing frequencies x and y, if the total frequency is 100. (5)**

Class Interval	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40
Frequency	7	10	x	13	y	10	14	9

**Q13. Evaluate the following expression: (5)**

$$\cos^2 30^\circ \cos^2 45^\circ + 4 \sec^2 60^\circ + \frac{1}{2} \cos^2 90^\circ - 2 \tan^2 60^\circ$$



# **GEOGRAPHY**

**(Answer all the Questions)**

**Q1. Waste disposal is one of the urgent current environmental problems. How would you deal with this issue? (5)**

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**Q2. Globally people are making an effort to shift to renewable resources of energy. Discuss. (5)**

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**Q3. Our Forests are being depleted. How are we responsible for the degradation of these Forests? (5)**

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**Q4. Media can be a powerful force for change in developing countries. What are your views on this? (5)**

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**Q5. The Tehri Dam in Uttarakhand is one of the 15 biggest dams in India, providing water and electricity to millions of citizens. These dams have been hailed as the Temples of a modern India. Support your views. (5)**

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# ECONOMICS

Answer all the questions

**Q1. Mention a condition under which underemployment happens. (1)**

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**Q2. What does COPRA stand for? (1)**

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**Q3. Write a note on the tertiary sector in India (3)**

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**Q4. Why is sustainability important for development? (3)**

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**Q5. What are the differences between formal and informal sources of credit? (3)**

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**Q6. How is an MNC different from other companies? (3)**

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**Q7. Suggest ways in which employment can be created (5)**

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**Q8. Explain with examples why rules and regulations are required in a market place (5)**

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