N G S F

NGSE

CLASS 4   Time :
90 Minutes   **National Genius Search
Examination® : Advanced**

Your NGSE Roll No. ⬜⬜⬜⬜⬜⬜⬜ Date of the Test ⬜⬜⬜⬜⬜⬜⬜⬜

Student's Name ⬜⬜⬜⬜⬜⬜⬜⬜⬜⬜⬜⬜⬜⬜⬜⬜⬜⬜⬜⬜

Signature of the Student	Signature of the Invigilator
Check the correctness of the Roll No. with the Answer Sheet.

INSTRUCTIONS TO THE CANDIDATE

1. **DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO.**
2. Fill and sign this Question Booklet. Fill the information required in first page of the Answer Booklet. Start your answers from the third page of the Answer Sheet. Do not write answers on the second page of the Answer Sheet, which is kept blank. You may carry this booklet with you after the scheduled time of the test.
3. Do not seek clarification on any item in the test booklet from anyone including the test invigilator or the center supervisor. Use your best judgement.
4. This booklet consists of two sections as given below :
   SECTION-1: MATHEMATICS – 5 Questions and **SECTION - 2: SCIENCE – 5 Questions.** In case of any problem with your test booklet, inform the invigilator immediately. You will be provided with a replacement.
5. Use black/blue ball point pen only for writing the answers.
6. Use of mathematical instruments/compass box is allowed. Standalone calculators are also allowed.
7. All questions are compulsory. Each question carries 10 marks. Negative marks are not awarded.
8. Each answer should not be more than 150 words. You may demand additional Answer sheets if required.
9. Staple all the answer sheets together, page wise.
10. Failure to follow instructions and examination norms will lead to disqualification.

PLEASE WAIT FOR THE SIGNAL TO OPEN THE TEST BOOKLET

Open from this side ⟶

SECTION – 1: MATHEMATICS

1. Use 5 rough diagrams of a wall clock to indicate the time of 5 different activities you do in a day.

2. A lady purchased goods worth Rs. 200 from a shop selling goods without profit. The lady gives him 1000 rupees note. The shopkeeper gets the change from the next shop and keeps Rs. 200 for himself and returns Rs.800 to the lady. Later the shopkeeper of the next shop comes with the 1000 rupees note saying it is a fake note and took his money back. How much money did the shopkeeper lose?

3. A hotel serves 100ml milk to children below 12 years of age and 100ml of Tea which consists of 40 ml of milk to others. It is expected that 300 children below 12 years and 700 elders who came for the nearby temple festival are to have milk/tea from the hotel. If the hotel owner had 20 children and 110 elders as his regular customers, would 60 liters of milk be sufficient to serve everyone? Show your workings.

4. The following shape is a dice. If this to be made by pasting the edges a single figure cut from a sheet of paper, how the figure will look like? Draw the figure and mark the dots exactly as in a dice.

5. Draw 5 different number towers for 140.

SECTION – 2: SCIENCE

6. Write the autobiography of a Honey Bee.

7. Explain what you see when you observe a flower closely. What are functions of each of it?

8. Suggest five methods by which you save the use of water in your house.

9. There is an unpolluted pond in Wisden's village. Discuss about the fish, plants, birds and animals you are likely to see in and around this village pond.

10. What do you know about our Defence Forces? Discuss how they protect the country and help police to maintain law and order.

END OF DOCUMENT
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