

SHERBORNE SCHOOL

ENTRANCE SCHOLARSHIP EXAMINATION 1969

General Paper

(2 hours)

This paper consists of FIVE sections. Candidates must answer a total of four questions, taking them from at least three sections.

Each answer must be written on a separate sheet, which should bear the heading of the section from which the question was taken.

SCRIPTURE

- Describe briefly the seven days of creation and the Garden of Eden story at the beginning of Genesis. What is their meaning and importance for the Christian today?
- Write about eight lines of comment and explanation on FIVE of the following passages from the Bible:
 - Get thee out of thy country, and from thy kindred, and from thy father's house, unto a land that I will shew thee: and I will make of thee a great nation.
 - And when I see the blood, I will pass over you.
 - How long halt ye between two opinions? If the Lord be God, follow him: but if Baal, then follow him.
 - Wist ye not that I must be about my Father's business?
 - If I may touch but his clothes, I shall be whole.
 - It is easier for a camel to go through a needle's eye . . .
 - And he kneeled down and cried with a loud voice, Lord, lay not this sin to their charge.
 - Sirs, what must I do to be saved?
- Paul said to Festus: "I appeal unto Caesar".

As Paul's biographer write a short chapter describing the hardships he endured on the way to Rome, and the courage he showed in meeting them.

[TURN OVER]

HISTORY

- Explain what is meant by TWO of the following words: Feudalism, Renaissance, Reformation, Nationalism, Revolution, Communism, Socialism, Facism, Democracy.
- Describe the work of any ruler who, in your opinion, has had a decisive impact upon the course of history.
- Why has Great Britain enjoyed a comparatively tranquil history in modern times?
- Describe and explain the most important changes which have occurred during any one century of British history.

GEOGRAPHY

Discuss any of the following statements.

- Who owns the land matters; who owns the sea does not.
- An aerial photograph taken at 1,000 feet tells you little more about an area in Great Britain than the Ordnance Survey one inch map of the same region.
- Man always avoids living in mountainous areas.
- The only solution to India's food shortage is gifts of food from abroad.

SCIENCE

- What is a cell?

Discuss the structures in a cell that carry out the functions vital to the survival of the cell as a living unit.
- Write an essay on the "biology of locomotion".
- Given a solution containing water, alcohol and common salt (sodium chloride) suggest a method by which you could obtain a pure sample of each.

Draw the apparatus you require.

Suggest a method by which you might test the purity of one of the three compounds.
- Which of the following compounds would you expect to conduct an electric current: a solution of sodium chloride, petrol, sulphur, mercury, molten zinc chloride, sugar.

Suggest a reason for why you think they either do or do not conduct an electric current.
 - If a piece of zinc is placed in a solution of copper sulphate copper is deposited. Why do you think this takes place?
 - What would you expect would be liberated at the cathode if an acid solution is decomposed by the passage of a direct electric current using platinum electrodes.

5. A reliable mercury barometer records a height of 75 cms. What change in the height would you expect if:
- (a) the area of cross section of the tube was increased?
 - (b) a little air was introduced above the mercury?
 - (c) a hole was made in the tube above the mercury?
 - (d) A vacuum pump was connected to the top of the barometer tube and turned on? (assume that the hole in (c) was no longer there).
- Give reasons.

ART

1. Many famous painters were at work in Italy during the period known as the Renaissance. Describe what you know of these painters, giving as much information as possible as to why this period is so important in the History of Painting.
2. EITHER (i) Describe a visit to *one* of the following London Museums and Galleries.
- (a) The National Gallery
 - (b) The Tate Gallery
 - (c) The Victoria and Albert Museum
 - (d) The British Museum
- You should only attempt this question if you have actually visited the Gallery or Museum in question.
- OR (ii) Describe briefly the kind of work you would expect to find in any *three* of the Galleries and Museums listed in (i).
(Candidates must not attempt *both* parts of this question).
3. Some modern buildings are designed by engineers—some modern houses are built from a pattern, identical to the house next door. But often an architect is called in and the house he designs is built once only. Why do you think that an architect is considered necessary at all?