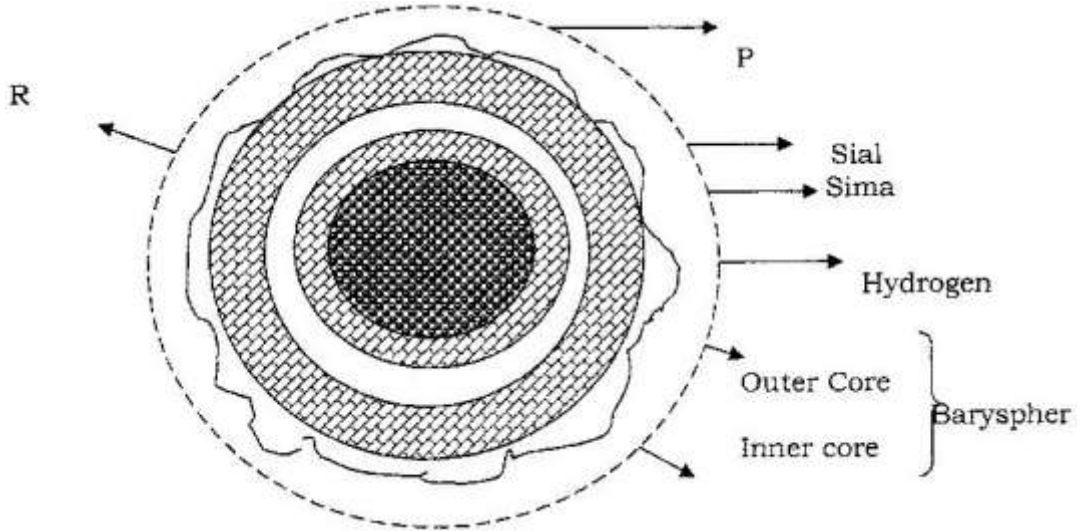


THE EARTH AND THE SOLAR SYSTEM

1. 1997 Q 1

The diagram below shows the structure of the earth.



a) Name the parts marked P, Q and R (3marks)

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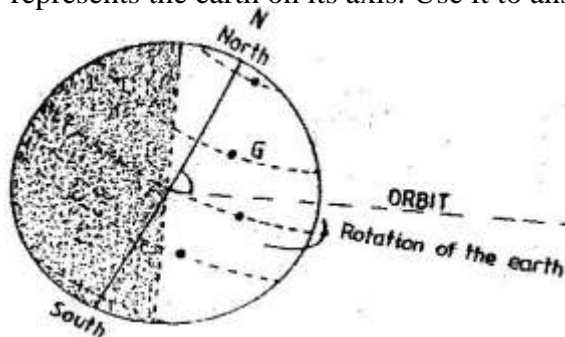
b) Name the minerals that make up Sima (2 marks)

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2. 1998 Q 1

The diagram below represents the earth on its axis. Use it to answer question (a)



(a) (i) Name the latitude marked G

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(ii) What is the angle of inclination of the earth's axis from its orbit?

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(b) State two effects of the rotation of the earth

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.....

3. 1999 Q 1

Give four proofs that the earth is spherical

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4. 2001 Q 1

(a) (i) Give the two dates in a year during which the number of hours of darkness is equal in both the north and south poles.

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.....

(ii) Why do the lengths of days and nights vary from one part of the earth to another?

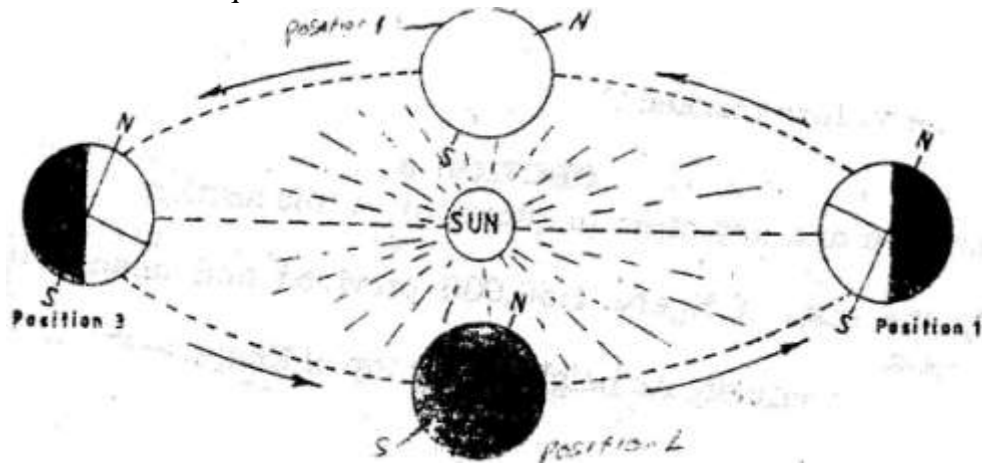
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(b) The diagram below shows the revolution of the earth around the sun. Use it to answer the questions that follow



(i) If the earth takes 366 days to make a complete revolution during a leap year, how long will it take to move from position 1 to position 4?

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(ii) What season is experienced in the southern hemisphere when the earth is in position 1?

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5. 2002 Q 5

a) What is the solar system?

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b) Use the diagram below to answer the questions that follow.



i) What type of eclipse is represented by the diagram?

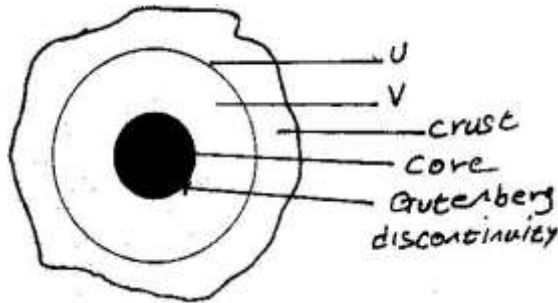
.....

ii) Name the features marked L and M

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.....

6. 2002 Q 9a, b

The diagram below represents the internal structure of the earth. Use it to answer question (a)



(a) Name the part marked U and V.

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(b) Describe the deposition of:

i. The crust

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ii. The core

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7. 2005 Q 1

(a) Name two theories of the origin of the earth

(2 marks)

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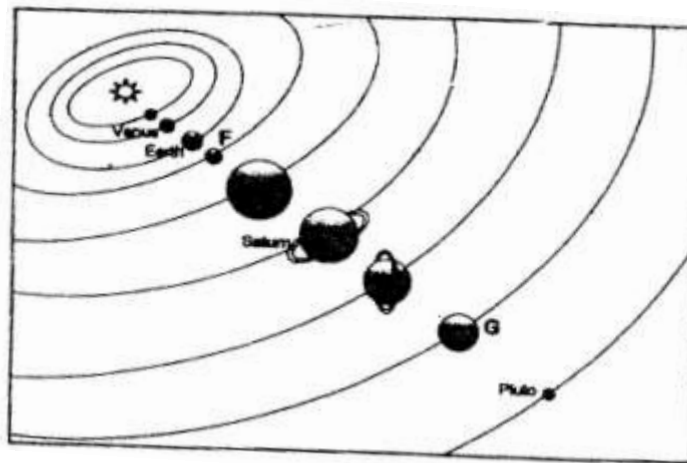
(b) Name four layers of the earth's atmosphere

(4 marks)

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8. 2006 Q 3

The diagram below shows the composition of the solar system



(a) Name the planets marked F and G

(2 marks)

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(b) State three effects of the rotation of the earth on its axis

(3 marks)

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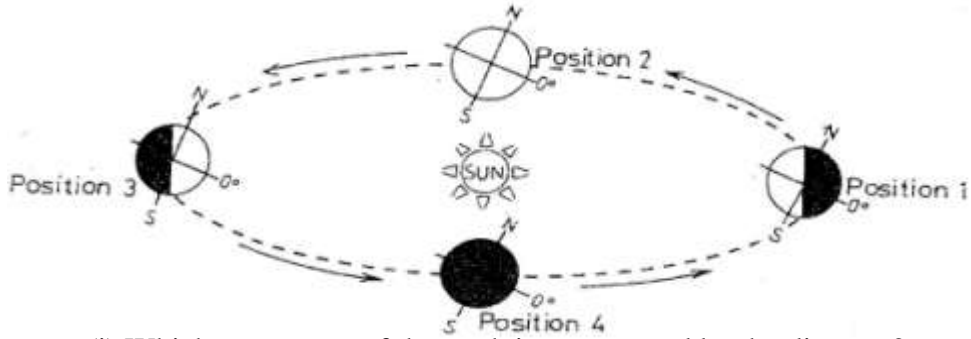
9. 2007 Q 1

(a) State two effects of the rotation of the earth

(2 marks)

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(b) Study the diagram below and answer the questions that follow



(i) Which movement of the earth is represented by the diagram? (1 mark)

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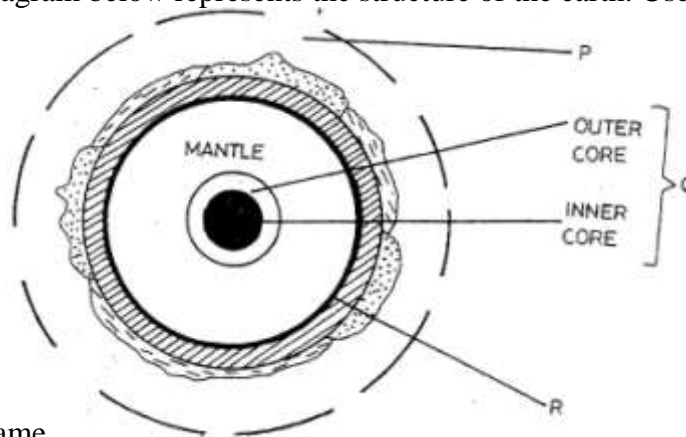
(ii) Give two effects of the movement represented by the diagram (2 marks)

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10. 2007 Q 4

The diagram below represents the structure of the earth. Use it to answer question



(a) Name

(i) The parts marked P and Q (2 marks)

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(ii) The discontinuity marked R (1 mark)

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(b) State three characteristics of the mantle (3 marks)

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11. 2010 Q 1

Give **three** components of the solar system.

(3 marks)

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12. 2012 Q2 P2

a) Name the two layers of discontinuity that are part of the interior structure of earth
(2 marks)

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b) State three characteristics of the outer core in the interior structure of the earth
(3 marks)

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