

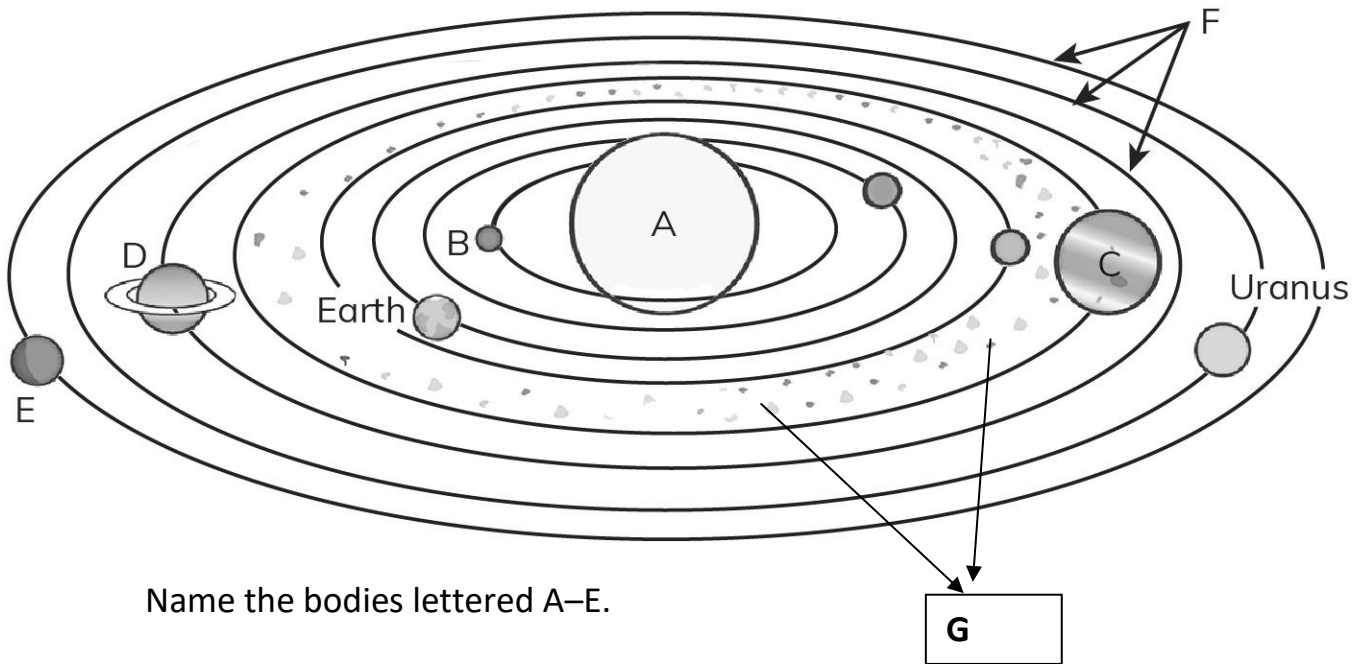
**Formal Formative 3**

**Topics: 5.4, 5.5 and 5.6**

**Total Marks: 25**

I. Here is a drawing of the solar system.

/10



Name the bodies lettered A–E.

1. A: \_\_\_\_\_

2. B: \_\_\_\_\_

3. C: \_\_\_\_\_

4. D: \_\_\_\_\_

5. E: \_\_\_\_\_

6. Name the lines marked F: \_\_\_\_\_

7. Which planet is the smallest one?

\_\_\_\_\_

8. What do the dots marked G on the diagram represent?

\_\_\_\_\_

9. What Earth movement causes day and night?

\_\_\_\_\_

10. How long does the Earth takes to complete one complete rotation in its own axis?

\_\_\_\_\_

II. Complete the following sentences. Choose from the following words: /6

**lengthen   disappear   appears   towards   shorten   spins   away from**

11. The Sun \_\_\_\_\_ to move across the sky every day.

12. Shadows \_\_\_\_\_ from early morning to midday.

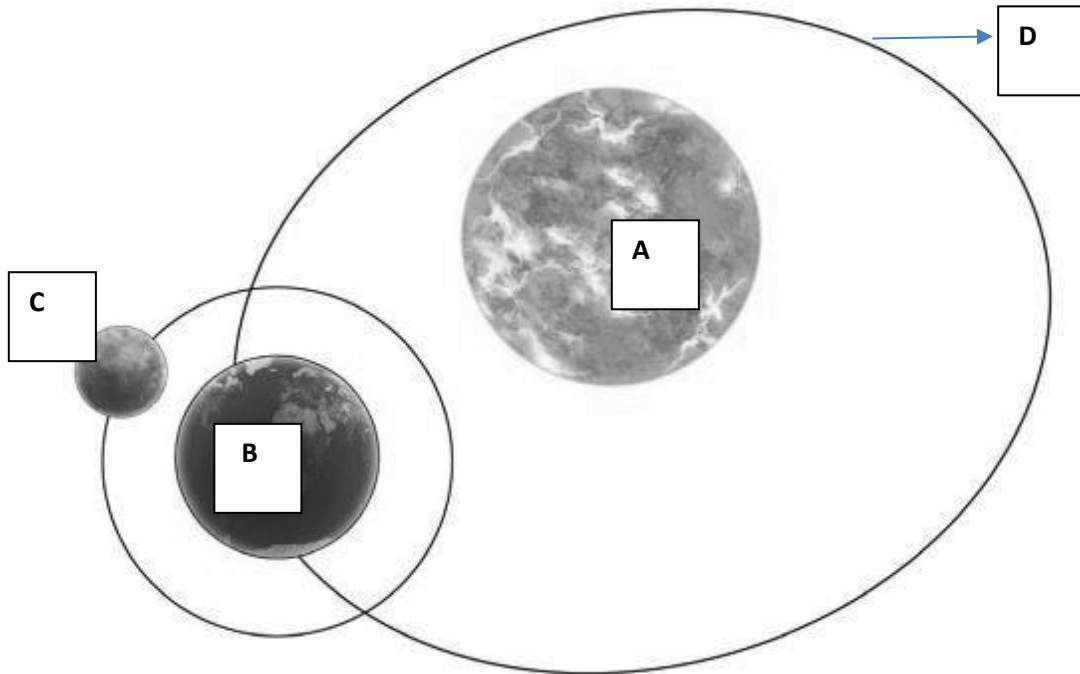
13. Shadows \_\_\_\_\_ towards evening.

14. The Earth \_\_\_\_\_ on its axis.

15. The side of the Earth facing \_\_\_\_\_ the Sun has day.

16. The side of the Earth facing \_\_\_\_\_ the Sun has night.

III.



What do the letters A-D represent?

/4

17. A: \_\_\_\_\_

18. B: \_\_\_\_\_

19. C: \_\_\_\_\_

20. D \_\_\_\_\_

21. What is the imaginary stick passing through the Earth from the north pole to the south pole? /1

\_\_\_\_\_

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IV. Write your answer in one or two sentences.

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22. What is an asteroid?

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23. What are the celestial bodies in the solar system other than the Sun?

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24. How does the day and night occur?

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25. Explain how does the length of the shadow changes from morning to evening.

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