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11. The apparatus of claim 1, further comprising a first-in-first-out memory connected to said modulator, said first-in-first-out memory stores the predicted cognitive performance.

12. The apparatus of claim 1, further comprising a second memory connected to said modulator. 5

13. The apparatus of claim 12, wherein said first memory and said second memory are integrally formed as one memory.

14. The apparatus of claim 1, wherein said modulator 10 matches the data in said second memory to the modulation data based on time sequencing.

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15. The apparatus of claim 1, wherein said input connection includes a telemetric receiver.

16. The apparatus of claim 1, wherein said input connection includes a keyboard.

17. The apparatus of claim 1, wherein the modulation data represents a curve having a period of 24 hours such that the curve includes a first sinusoidal curve having a 24-hour period and a second sinusoidal curve having a 12-hour period.

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