SUB: GENERAL SCIENCE   **F.M.   15**

TOPIC: PHYSICAL QUANTITIES AND MEASUREMENT -2   **DATE: 01.05.2020**

A. CHOOSE THE CORRECT OPTION: 15x1=15

1. _____ is defined as the interval between two events.
   a) Hour   b)Time   c)Second

2. The time taken by the Earth to complete one rotation about its own axis is called _____.
   a) mean solar day   b) year   c) month

3. The standard unit of time in SI system is _____.

   a)hour   b)minute   c) second

4. 1 minute = _____ seconds.

   a)60   b)120   c) 30

5. 1 hour = _____ seconds.

   a) 690   b) 3600   c) 60

6. 1 mean solar day = _____ hours.

   a) 64   b) 48   c) 24

7. 1 year = _____ days.

   a) 365 1/4   b) 365   c)365 1/2

8. The Jantar Mantar in Jaipur and Delhi are examples of _____.

   a) Modern clock   b)sundials   c) pendulum clock

9. In olden days, some clocks were working based on the principle of the _____.

   a) pendulum   b)water movement   c) burning of a candle

10. _____ are used to record the time interval that has lapsed between two events.

a) Sand clocks   b) Electronic watches   c)Stopwatches

11. The full form of a.m. meaning 'before midday' is _____.

a)ante meridiem   b) post meridiem   c)after midnight

12. The full form of p.m. is post meridiem meaning _____.

a)post midmorning   b)post midday   c) post midnight

13. In 24- hour clock, the time interval after midnight to 12 noon is recorded as _____ hours.

a) 0000-2400   b) 1200-2400   c)0000-1200

14. In 24-hour clock, _____ hours is used to denote the time interval from 12 noon to

midnight.

a) 1201-2400   b)0000-2400   c)1002-2004

15. For hour values greater than 1200 hours, the time given in 24-hour format can be converted

to 12-hour format by subtracting _____ from the 24-hour format.

a) 1200   b) 1300   c) 0012

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