


(Paper) SAIL Paper & Pattern 10 January 2009 at Ahmedabad

 **Paper: SAIL Paper & Pattern**

Pattern:

1. General Knowledge
2. English
3. Analogy
4. Hindi-Grammer
5. Physics & Chemistry Basic

Questions

1.) Terminal colors of Rainbow?

a: Violet&Red

2.) First lady in "Indian National Congress"?

a: Indira Gandhi

b: Sarogini Naidu etc

3.) First Nuclear plant in INDIA is situated in

a : Trombay

b: Nellore etc

4.) 2 capacitances are in parallel gives 6 micro farad & in series gives 25 what will be the value of individual capacitance.

5.) Who invented "THERMOMETER"?

Ans: Fahrenheit

6.) Electrostatic potential is a Scalar Quantity or Vector Quantity?

7.) Among values 1 to 100 Probability of occurrence of numbers ending with 9 is?

a: 1/10

b: 9/10

c: 1

d: 0

8.) Si, Ge lie inblock of periodic table

a: III

b: V

c: IVA (ANS)

d: IV B

9.) Some equation was given $x = 20 \sin 157t$ then calculate frequency

10.) Which Filter is used for passing only high frequency

a: Ladder

b. Crystal

11.) In Zener breakdown is proportional to

Ans Negative coefficient of temperature

12.) If water is heated from 0 degree to 10 degree effect on volume

- a: increase steadily
- b: remain same
- c: decrease steadily

13.) If we dig EARTH FROM North to South pole and a stone is dropped in it then effect on its velocity

- a :increase continuously
- b: First increase and become Zero in center
- c. It Will Start Oscillate

14.) Dandi march was related to

- a: Salt
- b: sugar etc

15.) Radiation pattern of loop antenna

- a: cardioids
- b. semicircular
- c. circle
- d. none

16.) "DENMARK" lie in which continent

17.) Cooks island is situated in which continent?

18.) Range of AM Signal?

19.) In an Electrolyte if rod is immersed then mass on rod will be proportional to

Ans: current passed in it

20.) Largest unit in energy

21.) Spelling check of SATELLITE

22.) Plural of "DIBIYA" IN HINDI

23.) Find out Sarvnam

24.) RADDISH is a

- a: modified root
- b: bulb
- c; stem

25.) X Rays areRays

Ans emw

26.) ass:bray::sheep:bleat