

# BITSAT 2024 Question Paper May 23

## Memory Based Questions

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Ques 1. A ring is rotated about its own axis, which force on a small element of it is responsible for this?

- a) normal on the ring
- b) frictional force
- c) weight

Ques 2. An equation of curve was given we were asked to find slope at some value of  $x$  (easiest ques of all)

Ques 3. What term is used to refer a king who died by suicide?-regicide

Ques 4. basic dimensions were asked in Physics

Ques 5. a theory based question from photoelectric effect like if frequency increase then what will happen to stopping potential

Ques 6. In chem statement were asked regarding ferrocene and perxenate

Ques 7. 1,2,3,6,11,20,37,68\_  
A)105 B)126 C)125 D)124

Ques 8. Given two sets A and B.  $n(A)=11$  and  $n(B) =13$ .

Ques 9. If the probability that an element which occurs in  $A \times B$  also occurs in  $B \times A$  is  $\frac{36}{143}$ .

Ques 10. Then find the number of elements in  $A - B \cup B - A$ .

Ans. 12