

BITSAT 2023 Question Paper May 21 Shift 1

Time Allowed :3 Hours	Maximum Marks :390	Total Questions :130
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General Instructions

1. The examination is conducted in **Computer-Based Test (CBT)** mode. All questions will appear on the computer screen.
2. The total duration of the examination is **3 hours**. No extra time will be granted under any circumstances.
3. The question paper consists of **Multiple Choice Questions (MCQs)**, each having four options with only one correct answer.
4. Candidates must read each question carefully before selecting the answer. Answers can be changed only within the allotted test duration.
5. The examination follows a **negative marking scheme**. Marks will be deducted for incorrect answers, while unattempted questions will not carry any penalty.
6. Use of **calculators, mobile phones, smart watches, Bluetooth devices, or any other electronic gadgets** is strictly prohibited inside the examination hall.
7. Rough work must be done only on the rough sheets provided at the test center. These sheets must be returned after the examination.
8. Candidates must ensure that they have logged in using the correct credentials. Any discrepancy should be reported immediately to the invigilator.
9. No candidate will be allowed to leave the examination hall before the completion of the test duration.
10. Candidates must maintain discipline and follow all **instructions given by the invigilators**.
11. Any form of **unfair means, impersonation, or misconduct** will lead to immediate disqualification.
12. In case of any technical issue during the examination, candidates should remain seated and inform the invigilator without panic.

1. Which catalyst is used in hydrogenation of oils and fats?

2. Dehydrogenation, dehydrohalogenation

3. Oxidation state of S in H_2SO_3 and H_2SO_4

4. Conjugate base of H_3PO_4

5. Which one of the following is independent of its temperature (from solution)

6. Magnetic moment; of Tl, V, Cr, Mn.

7. Order of polarity of HCl, CO_2 , H_2O , HF

8. NaOH is deliquescent

9. stats find mean of given data)

10. Quadratic roots were given b and c were asked in ax^2+bx+c

11. $x=\log p$ and $y=1/p$ differential equation

12. circles(concyclic, 3 pts given and do they form equilateral , right angled triangle)
