



**First Practical Examination, 1<sup>st</sup> Stage Students, 2<sup>nd</sup> Semester 2021-2022**

**Maximum Marks: 90**  
(15 Marks)

**Q1) Find the following equations?**

a)  $\sum_{k=0}^3 4^k$

b)  $\sum_{x=2}^6 x^2$

c)  $\sum_{r=1}^4 (-1)^r$

**Q2) Complete the following frequency table and draw the **Histogram** for the percentage frequency only?** (20 Marks)

Length of fishes	Number of fishes	Cumulative frequency	Relative frequency	Percentage frequency
0 – 9	3			
10 – 19	6			
20 – 29	9			
30 – 39	7			
40 – 49	5			
	$\Sigma f = 30$			

**Q3) Construct a grouped frequency table for the following data on the basis of tall (in centimeter) of 30 plants which were sampled from a garden?** (25 Marks)

34 15 19 20 14 13 20 19 27 17  
12 24 25 21 22 18 28 29 15 23  
31 14 32 24 26 33 21 30 16 22

**Q4) Find the Mean, Median, Mode, and Range for the length of 9 fishes in (centimeter) which are; 5, 10, 7, 4, 7, 6, 9, 7, 8?** (30 Marks)

*ALL THE BEST*

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