**JESUS AND MARY SCHOOL AND COLLEGE**

**CLASS-12 ( MATHS )**

**CHAPTER NAME – DETERMINANTS**

**WORKSHEET-3**

**Pleasec refer to the video prepared for this chapter.** Date : 18/05/2020

**Q.1.** Using properties of determinants, show that.

**Q.2.** Using properties of determinants, show that .

**Q.3.** Using properties of determinants, show that .

**Q.4.** Using properties of determinants, evaluate: .

**Q.5.** Solve the equation: .

**Q.6.** Using properties of determinants, prove that

.

**Q.7.** Using properties of determinants, prove that .

**Q.8.** Using properties of determinants, prove that .

**Q.9.** Using properties of determinants, prove that .

**Q.10.** Using properties of determinants, prove that .

**Q.11.** Using properties of determinants, prove that

**Q.12.** Using properties of determinants, prove that .

**Q.13.** Using properties of determinants, prove that

**Q.14.** Using properties of determinants, prove that .

**Q.15.** Using properties of determinants, find the value of the following determinant:

**Note**- **Please do this assignment in your copies. It will be checked when the school re-opens.**

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