



MATHS

BOOKS - UNITED BOOK HOUSE

Hindu School, Question Paper

Exercise

1. State the Factor Theorem of algebra.



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2. Show that if n be odd, $x + 1$ is a factor of $x^n + 1$.

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3. Find $\Delta^2(e^{ax+b})$ taking $h = 1$.

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4. State the classical definition of probability.

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5. What are the limitations of the classical definition of probability?



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6. If 3 tickets are drawn randomly from $2n$ tickets numbered $1, 2, 3, \dots, 2n$, find the probability that the numbers on the chosen tickets are in arithmetic progression.



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7. State the desirable features of a good questionnaire.



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8. Define with example, ordinal data and nominal data.



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9. Draw a blank table showing the essential parts of a table.



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10. State the uses of an ogive.



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11. Define with examples "equally likely events" and "disjoint events".



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12. A_1 , A_2 and A_3 are 3 events defines on a simple space s .

Use sets-theory rotations to represent the following events.

Exactly one of them will occur.



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13. A_1 , A_2 and A_3 are 3 events defines on a simple space s .

Use sets-theoric rotations to represent the following events.

At least two of them will occur.



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14. A_1 , A_2 and A_3 are 3 events defines on a simple space s .

Use sets-theoric rotat6ions to represent the

following events.

None of them will occur.



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