

UGAS-SN301

B.A./B.Sc./B.Com. (Genl) B.Com.(CAS) BBA/BCA DEGREE
EXAMINATION, MARCH - 2023

(THIRD SEMESTER) (New Regulation)

LIFE SKILL COURSES

Analytical Skills

Time : 1½ Hours

Max. Marks : 50

SECTION - A

Answer any four questions. Each answer carries 5 marks.

(4 × 5 = 20)

1. Find the missing terms in the series 31, 27, 23, 19, _____, 11, 7.
2. Simplify $3640 \div 14 \times 16 + 340$?
3. Find the H.C.F. of 204, 1190 and 1445?
4. The ages of two persons differ by 16 years. If 6 years ago the elder one be 3 times as old as the young one. Find their present ages?
5. Karthik is younger than Vasanth by 7 years. If the ratio of their is 7:9. Find the age of Vasanth.

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6. Ram sold a cow for Rs. 136 and thus lost 15%. At what price should he have sold it to gain 15%
7. If 50% of $(x - y) = 30\% (x + y)$ then what percent of x is y ?
8. Write about pie-charts?

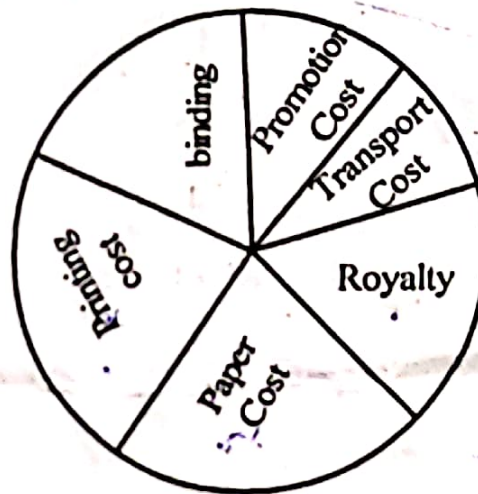
SECTION - B (3 × 10 = 30)

Answer any three questions. Each answer carries 10 marks.

9. a) Explain letter analogies.
b) Explain number analogies.
10. a) Explain "BODMAS" rule.
b) The sum of the two numbers is 22 and their difference is 14. Find the product of the numbers.
11. The respective ratio between the present ages of Parag and Sapna is 21:19 six years ago, the respective ratio between their ages was 9:8. How old is Hina, if her present age is 12 years less than Sapna's present age?
12. A bike covers a certain distance at the speed of 64 km/hr in 8 hours. If the bike was to cover the same distance in approximately 6 hours at what approximate speed should the bike travel?

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13. Royalty - 15%
Printing cost - 20%
Paper cost - 25%
Binding - 20%
Promotion cost - 10%
Transportation Cost - 10%



- If for a certain quantity of books, the publisher has to pay Rs. 30,600 as printing cost, then what will be amount of royalty to be paid for these books?
 - What is central angle of the sector corresponding to the expenditure incurred on royalty?
 - Royalty on the book is less than the printing cost by?
- 14) Explain Venn diagram and its implications.

