Test / Exam Name: Maths – Comparing Quantities   **Standard:** 7th   **Subject:** Mathematics

Student Name: ....   **Section:** ....   **Roll No.:** ....

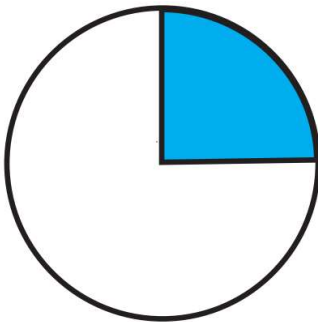| Questions: 19	Time: 01:00 hh:mm	Marks: 31

Instructions

1. Honesty is the best policy.
2. Start a new section from a new page

<div align="center">SECTION-A</div>

Q1. Mark ($\checkmark$) against the correct answer in the following: **1 Mark**

At what rate percent per annum simple interest will a sum double it self in 10 years?

A 8% **B** 10% **C** 12% **D** $12\frac{1}{2}\%$

Q2. If 8% of a number is 6, then the number is: **1 Mark**

A 96   **B** 60   **C** 96   **D** 75

Q3. If $\frac{a}{2} = \frac{b}{3} = \frac{c}{4}$, then $a : b : c =$ **1 Mark**

A $2 : 3 : 4$ **B** $4 : 3 : 2$ **C** $3 : 2 : 4$ **D** None of these.

Q4. Find loss if CP is 250 and SP is Rs. 150.   **1 Mark**

A Rs. 50   **B** Rs. 100   **C** Rs. 15   **D** None of these

Q5. The price of petrol has risen from ₹ 48 to ₹ 52 a litre. By what per cent has the price risen up?   **1 Mark**

A $\frac{25}{3}\%$ or 8.33%   **B** 25%

C 4% **D** 40%

Q6. Express $\frac{1}{100}$ as a per cent.   **1 Mark**

Q7. Devangi buys a chair for Rs. 700 and sells it for Rs. 750. She earns a profit of _____% in the transaction.   **1 Mark**

Q8. Nasim bought a pen for Rs. 60 and sold it for Rs. 54. His _____ % is   **1 Mark**

Q9. Interest on Rs. 12500 at 18% per annum for a period of 2 year and 4 months is _____.   **1 Mark**

Q10. _____ is 50% more than 60.   **1 Mark**

Q11. $75\%\frac{4}{3}$.   **1 Mark**

<div align="center">SECTION-B</div>

Q12. Estimate what part of the figures is coloured and hence find the per cent which is coloured.   **2 Marks**

(i)

Q13. If in a stick of chalk, carbon is 3g, what is the weight of the chalk stick?   **2 Marks**

Q14. Tell what is the profit or loss in the following transactions. Also find profit percent or loss percent in case.   **2 Marks**

A skirt bought for Rs. 250 and sold at Rs. 150.

Q15. In a city, 30% are females, 40% are males and remaining are children. What per cent are children?   **2 Marks**

Q16. The population of a village is 8000. Out of these, 80% are literate and of these literate people, 40% are women. Find the ratio of the number of literate women to the total population.   **3 Marks**

Q17. Ambika got 99% marks in Mathematics, 76% marks in Hindi, 61% in English, 84% in Science and 95% in Social Science. If each subject carries 100 marks, then find the percentage of marks obtained by Ambika in the aggregate of all the subjects.   **3 Marks**

Q18. Radhika borrowed Rs. 12000 from her friends. Out of which Rs. 4000 were borrowed at 18% and the remaining at 15% rate of interest per annum. What is the total interest after 3 year?   **3 Marks**

Q19. A memorial trust donates Rs. 500000 to a school, the interest on which is to be used for awarding 3 scholarships to students obtaining first three positions in the school examination every year. If the donation earns an interest of 12% per annum and the values of the second and third scholarships are Rs. 20000 and Rs. 15000 respectively, then find out the value of the first scholarship.   **3 Marks**