Test / Exam Name: Revision Test   Standard: 6th   Subject: Mathematics

Instructions

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Q1. Using the number line, write the integer which is: 3 Marks
4 more than -5

Q2. In a five-digit number, digit at ten's place is 4, digit at unit's place is one-fourth of ten's place digit, digit at   3 Marks
hundred's place is 0, digit at thousand's place is 5 times of the digit at unit's place and ten thousand's
place digit is double the digit at ten's place. Write the number.

Q3. Simplify:
$5\frac{1}{6} - 3\frac{1}{4} + 3\frac{1}{3} + 4$

Q4. Simplify:
$\frac{7}{18} + \frac{5}{6} + 1\frac{1}{12}$

Q5. Subtract:
$\frac{7}{16}$ from 2

Q6. Subtract as indicated:
$5\frac{6}{7} - 2\frac{2}{3}$

Q7. Write six distinct integers whose sum is 7.

Q8. Simplify:
$\frac{3}{10} + \frac{7}{15} + \frac{3}{5}$

Q9. Simplify:
$7\frac{1}{3} + 3\frac{2}{3} + 5\frac{1}{6}$

Q10. Add:
$\frac{3}{4}$ and $\frac{5}{6}$

Q11. Reduce each of the following fractions to its lowest term (simplest form):   3 Marks
$\frac{40}{72}$

Q12. Shikha and priya have bookshelves of the same size Shikha's shelf is $\frac{5}{6}$ full of book and Priya's shelf is   3 Marks
$\frac{2}{5}$ full. Whose bookshelf is more full? By what fraction?

Q13. Write the following in expanded form.   3 Marks
1. 74836
2. 574021
3. 8907010

Q14. Replace ☐ by the correct number: 3 Marks
$\frac{1}{2} - ☐ = \frac{1}{6}$

Q15. A mobile number consists of ten digits. First four digits are 9, 9, 7 and 9. Make the smallest mobile number by using only one digit twice from 8, 3, 5, 6, 0. **3 Marks**

Q16. Using the number line, write the integer which is: **3 Marks**
2 less than -2.

Q17. A loading tempo can carry 482 boxes of biscuits weighing 15kg each. Whereas a van can carry 518 boxes each of the same weight. Find the total weight that can be carried by both the vehicles. **3 Marks**

Q18. Ravish takes $2\frac{1}{5}$ minutes to walk across the school ground. Rahul takes $\frac{7}{4}$ minutes to do the same. Who takes less time and by what fraction? **3 Marks**

Q19. Find the difference of: **3 Marks**
$\frac{5}{18}$ and $\frac{4}{15}$

Q20. Kavita has 44 cassettes. She gives 3434 of them to Sonia. How many does Sonia get? How many does Kavita keep? **3 Marks**

Q21. Reduce each of the following fractions to its lowest term (simplest form):
$\frac{12}{52}$

Q22. Simplify:
$\frac{2}{3} + \frac{3}{4} + \frac{1}{2}$

Q23. Determine the least number which when divided by 3, 4 and 5, leaves remainder 2 in each case.

Q24. The cost of a pen is Rs. $6\frac{2}{3}$ and that of a pencil is Rs. $4\frac{1}{6}$. Which costs more and by how much?

Q25. Using divisibility test, determine which of the following numbers are divisible by 9?
1. 672
2. 5652

Q26. Using each of the digits 1, 2, 3 and 4 only once, determine the smallest 4-digit number divisible by 4.

Q27. $\frac{2}{3}$ and $\frac{6}{7}$

Q28. Using the number line, write the integer which is:
3 less than 2.

Q29. Find the LCM of 160, 170 and 90.

Q30. Simplify the following to its lowest term: **3 Marks**
$\frac{75}{80}$

Q31. Simplify: **3 Marks**
$7 + \frac{7}{4} + 5\frac{1}{6}$

Q32. Add: **3 Marks**
$\frac{8}{13}$ and $\frac{2}{3}$

Q33. Savita bought $\frac{2}{5}$ m of ribbon and kavita $\frac{3}{4}$ m of ribbon. What was the total length of the ribbon they bought? **3 Marks**

Q34. Subtract: **3 Marks**
$\frac{2}{7}$ from $\frac{19}{21}$

Q35. A piece of a wire $\frac{7}{8}$ metres long broke into two pieces. One piece was $\frac{1}{4}$ metres long. How long is the other piece?　　**3 Marks**

Q36. Simplify:　　**3 Marks**
$\frac{5}{6} + 3 + \frac{3}{4}$

Q37. Replace □ by the correct number:　　**3 Marks**
$\square - \frac{5}{8} = \frac{1}{4}$

Q38. Subtract:　　**3 Marks**
$\frac{4}{15}$ from $2\frac{1}{5}$

Q39. A vessel has 13L 200mL of fruit juice. In how many glasses each of capacity 60mL, can it be filled?　　**3 Marks**

Q40. Reduce each of the following fractions to its lowest term (simplest form):　　**3 Marks**
$\frac{80}{24}$

Q41. In the marriage of her daughter, Leela spent Rs. 216766 on food and decoration, Rs. 122322 on jewellery, Rs. 88234 on furniture and Rs. 26780 on kitchen items. Find the total amount spent by her on the above items.

Q42. Three boxes weight $18\frac{3}{4}$ kg, $7\frac{1}{2}$ kg and $10\frac{1}{5}$ kg respectively. A porter carries all the three boxes. What is the total weight carried by the porter?

Q43. Simplify the following to its lowest term:
$\frac{150}{50}$

Q44. As per the census of 2001, the population of four states are given below:

(a)	Maharashta	96878627
(b)	Andhra Pradesh	76210007
(c)	Bihar	82998509
(d)	Uttar Pradesh	166197921

Arrange the states in ascending and descending order of their populations.

Q45. Aarushi was given $\frac{5}{7}$ of a basket of oranges. What fraction of oranges was left in the basket.

Q46. Subtract as indicated:
$4\frac{2}{5} - 2\frac{1}{5}$

Q47. Subtract:　　**3 Marks**
$\frac{21}{25}$ from $\frac{18}{20}$

Q48. Using divisibility test, determine which of the following numbers are divisible by 4?　　**3 Marks**
　　1. 4096
　　2. 21084
　　3. 31795012

Q49. Find the LCM of 80, 96, 125 and 160.　　**3 Marks**

Q50. Radius of the Earth is 6400km and that of Mars is 4300000m. Whose radius is bigger and by how much?　　**3 Marks**

Q51. Estimate each of the following products by rounding off each number to nearest tens.　　**4 Marks**
　　1. 87 × 32

2. 311 × 113
        3. 3239 × 28
        4. 1385 × 789

Q52. Estimate each of the following by rounding off each number to nearest hundreds.   **4 Marks**
    1. 874 + 478
    2. 793 + 397
    3. 11244 + 3507
    4. 17677 + 13589

Q53. In a colony of 100 blocks of flats numbering 1 to 100, a school van stops at every sixth block, while a   **4 Marks**
school bus stops at every tenth block. On which stops will both of them stop, if they start from the
entrance of the colony?

Q54. Fatima wants to mail three parcels to three village schools. She finds that the postal charges are Rs. 20, **4 Marks**
Rs. 28 and Rs. 36, respectively. If she wants to buy stamps only of one denomination, what is the
greatest denomination of stamps she must buy to mail the three parcels?

Q55. Test the divisibility of following numbers by 11.
    1. 5335
    2. 9020814

Q56. Ravish's house is $\frac{9}{10}$ km from his school. He walked some distance and then took a bus for $\frac{1}{2}$ km up to
the school. How far did he walk?

Q57. A merchant has 120L of oil of one kind, 180L of another kind and 240L of a third kind. He wants to sell
the oil by filling the three kinds of oil in tins of equal capacity. What should be the greatest capacity of
such in tin?

Q58. Find a 4-digit odd number using each of the digits 1, 2, 4 and 5 only once, such that when the first and
the last digits are interchanged, it is divisible by 4.

Q59. Estimate each of the following by rounding off each number to nearest tens.
    1. 11963 - 9369
    2. 76877 - 7783
    3. 10732 - 4354
    4. 78203 - 16407

Q60. Write the fractions and match fractions in Column I with the aquivalent fractions in Column II.