TEST PAPER: MATHEMATICS

Time: 50 Minutes   **Class: 8th I.C.S.E.**

Max. Marks: 30 Marks   Date: 1st August, 2018

Marking Scheme: *Three questions carry 10 marks each. Questions have 3 subparts each. Subparts (a) and (b) carry 3 marks each and subpart (c) carries 4 marks.*

Question 1:

a. Express each of the following ratios as percent:
(i) 3 : 16
(ii) 2 : 5

b. Fill in the blanks: (Show the working too)
(i) 8 is ____ % of 24.
(ii) 3.5 kg is ____ % of 35 kg.

c. i. In a class of 48 students, 4 are absent. What percent is absent?
ii. Out of $20 pocket money, Ron spends $14. Express this as a percentage.

Question 2:

a. An oil tanks contains 16 litres of oil. Due to leakage 2 litres of oil is lost. What percent of oil is lost?

b. Express the following fractions into percentage:
(i) 2/5
(ii) 3/8
(iii) 3/200

c. Mr. Sharma has a monthly salary of $ 7, 500. If he spends $ 6,250 every month, find his expenditure and savings in percent?

Question 3:

a. The price of an article increased from $ 16 to $ 20; find the percentage increase.

b. There are 50 students in a class. If 14% are absent on a particular day, find the number of students present in the class.

c. In a basket of apples, 12% of them are rotten and 66 are in good condition. Find the total number of apples in the basket.