

GREENLAWNS SCHOOL WORLI
Final Examination-2017
MATHEMATICS

Std: V

Marks: (80)

Date:

Time: 1 ½ hr

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- Q1a. A man bought 500 mangoes for ₹250 and paid ₹ 20 for transporting them to the shop. He sells them at 75paise each. Find his profit. (3)
- b. What amount do you get at the end on a deposit of ₹ 2000 for 2 years at 6% per annum? (3)
- c. Meera bought 7 notebooks at ₹45 per notebook from one shop. She further bought 4 notebooks at ₹60 per notebook from a second shop. Find the total money spent by her and what is the average price of each notebook? (4)
- Q2a. A water tank has the total capacity of 1550 litres. If 28% of the water got drained out, how much water is left in the tank? (3)
- b. The ages (in years) of 7 students are 12, 18, 9, 11, 7, 13, and 7. Find their average age. (3)
- c. Rahul jogs at a speed of 8km/hr, find the distance covered by him if he takes 36mins to complete the round. (4)
- Q3a. A pillow was bought for ₹160 and sold at a loss of 18%. Find the loss and selling price of the pillow. (3)
- b. The volume of a rectangular solid brick is 720cm^3 , if the length is 15 cm and the height is 6cm find its breadth. (3)
- c. Calculate the simple interest on ₹800 from 15th January 2000 to 28th March 2000 at 8% per annum. Also find the amount. (4)
- Q4a. The length of a rectangular field is 72m. Find the area of the field if its breadth is one third of the length of the field. (3)
- b. If a car runs at a speed of 85km/hr, how much time will it take in minutes to cover a distance of 382.5km? (3)
- c. Find the value of 0.5% of 200ml. (2)
- d. Find the average of 6, 11, 13, 9, 15, 0. (2)
- Q5a. Mrs Bhasin borrowed ₹48000 from a finance company at 12% per annum for 7 months. Find the interest and the amount Mrs Bhasin will have to pay to the finance company. (4)
- b. The art shop dealer bought packets of crayons for ₹320. He sold them at a special price of ₹3.00 per crayon. Calculate the profit or loss percent if the total number of crayons is 120. (4)

c. What percent of 50 kg is 500gms? (2)

Q6a. The perimeter of a rectangular field is 240m. If the length is 85m, find the area. (4)

b. Find the simple interest and amount on ₹1600 for 4yrs3mnths at $2\frac{1}{2}\%$ per annum. (4)

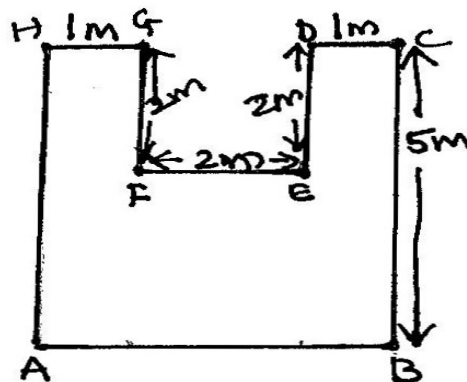
c. The average monthly sale of rice in a grain shop is 2100kg. What is the total sale of rice in that particular year? (2)

Q7a. A racing car covers 1980km in 5hrs30mins. Find the speed in m/sec. What distance will the car cover in 40 secs with same speed? (4)

b. In a coeducational school of 3600 students 40% are girls, how many boys are there in the school? (3)

c. Subhash bought a cassette player for ₹4500 and sold it at a gain of 20%. Find his selling price. (3)

Q8a. Find the area of the figure given below (4)



b. A man walking at a speed of 10km/hr takes 12 mins to complete one round of the park. Find the distance if he takes 5 such rounds. (4)

c. Compute the selling price of a calculator sold at a loss of ₹580 if its cost price is ₹1285. (2)
