H.P Board of Departmental Examination

Departmental Examination for Tehsildars and Naib Tehsildars

April-2015

Paper No-2 Arithmetic and Patwari Mensuration M.Marks-100 Time: 3 Hours

Part-1- Arithmetic

1. **Attempt any five questions. All questions carry equal marks. At least two questions from each part.**
2. **The candidate may answer the questions either in English or Hindi**

Q.No-1(a) The difference between the compound interest and simple interest on a certain sum at 10% per annum for 2 years is Rs. 631. Find the sum. (10 Marks)

Q. No-1(b) A and B undertake to do a piece of work for Rs. 600. A alone can do it in 6 days, while B alone can do it in 8 days. With the help of C, they finish it in 3 days. Find the share of each. (10 Marks)

Q.No-11(a) A, B and C started a business by investing Rs. 1,20,000, Rs.1,35,000, and Rs.1,50,000 respectively. Find the share of each, out of an annual profit of Rs. 56,700. (10 Marks)

Q.NO-11(b) A man bought a horse and a carriage for Rs. 3000. He sold the horse at a gain of 20% and the carriage at a loss 10%, thereby gaining 2% on the whole. Find the cost of the horse. (10 Marks)

Q.No-111(a) A rectangular grassy plot is 110 meters long by 65 meters wide has a gravel path 2.5 meters wide all round it on the inside. Find the cost of gravelling the path at 80 paise per square meter.

(10 Marks)

Q.No111 (b) Find the length of the longest pole that can be placed in a room 12 meters long, 8 meters broad and 9 meters high. (10 Marks)

Q.NO-1V (a) Mr. John gave 40% of the money he had, to his wife. He also gave 20% of the remaining amount to each of his three sons. Half of the amount now left was spent on miscellaneous items and the remaining amount of Rs. 12,000 – (Twelve thousand) was deposited in the bank. How much money did Mr. John have initially? (15 Marks)

Q.No-1V (b) Find the greatest number of five digits which is a perfect square. (5 Marks)

Part-11- Mensuration

Q.No-V. Explain the following terms with illustration:-

P. T. O

I Release Deed.

II Family Settlement.

III Fard Badar.

IV Private Partition. (5X4 = 20 Marks)

Q.No-VI(a) What do you understand by demarcation of given land? Where the application for demarcation is filed? What are the documents which are to be filed with the application for demarcation of a given land? (5 Marks)

Q.No-VI(b) As a kanungo of the circle , you received an application for demarcation, preferred by Ram Lal and others against Jeewan Lal and others, residents of revenue village Khanga Dhar from Tehsildar Rural Shimla for demarcation of khasra number 357 measuring 10-5 Bighas in khata/khatauni number 50/115 in a revenue village khagna Dhar; Tehsil and District Shimla, which is contiguous with khasra number 353 on north side, 368 on eastern side 358 on western side and 370/1 on southern side. Write a demarcation report in proper format following the procedure laid under the Financial Commissioner's instructions and submit to the authority in the schedule time laid for the purpose.

(15 Marks)

Q.No-VII What do you understand by settlement operation? What are the main two important reasons to carry settlement operation in the area? What is the procedure to carry settlement operation in the area? What are the documents prepared during the settlement operation? (20 Marks)

Q.No-VIII Differentiate between the following terms:

(I) Revenue officer and Revenue Court

(II) Land owner and owner of the land.

(III) Occupancy tenant and non occupancy tenant.

(IV)Abadi Deh and Gair Mumkin Abadi.

(V) Review and Revision. (4x5= 20 Marks)

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