

Departmental Examination for Tehsildars/Naib Tehsildars of
Himachal Pradesh
April, 2010

Paper – 2 - ARITHMETIC AND PATWARIS MANSURATION

Time Allowed : 3 Hours

Maximum Marks : 100

Note:-

1. The Candidates may answer the questions either in Hindi or English.
2. Attempt five questions.
3. Attempt at least two questions from each part.

PART- I - ARITHMETIC

Q.No.1. A sum of money is lent out at compound interest for 2 years at the rate of 20% per annum, compound interest being reckoned yearly. If same sum of money lent out at compound interest at the same rate per cent per annum, compound interest being reckoned half yearly, it would have fetched Rs. 482 more by way of interest in two years. Calculate the sum of money lent out.

(20)

Q.No.1. A ladder 13 mtr. Long rests against a vertical wall. If the foot of the ladder is 5 mtr. from the foot of the wall, find the distance of the other end of the ladder from the ground.

(20)

Q.No.3. A & B can finish a piece of work in 15 days, B & C in 20 days while C & A in 30 days. How long will they take to finish the work? How long will each take to finish the work alone ? .

(10 + 10).

Part II

Q.No.4. What are the documents included in standing record of rights prepared during Settlement Operation?

Write brief note on each of the documents so prepared.
(10 + 10).

Q.No.5. How the corrections are carried out in the Shajra between two settlements? What are the main ingredients of 'Naksha Tafawat'?

(10 + 10).

Q.No.6. Write short notes on the following:-

- (i) Shajra Kishatwar
- (ii) Sub-estate
- (iii) Adda
- (iv) Base line
- (v) Abadi deh
- (vi) Takrao
- (vii) Naksha Abpashi
- (viii) Sehda jat

(8x2-1/2)