

HP BOARD OF DEPARTMENTAL EXAMINATION
DEPARTMENTAL EXAMINATION FOR TEHSILDARS AND NAIB TEHSILDARS.

SESSION- DECEMBER, 2018

TIME ALLOWED: 3 HOURS

MAXIMUM MARKS: 100

PAPER NO.2 ARITHMATIC AND PATWARI MENSURATION

Note:- 1. *Attempt any five questions. All questions carry equal marks.*
 2. *At least two question should be attempted from each part.*

Part-1

Q.No.1:- Discuss in detail the process of preparation of records during fresh settlement. Also explain each document prepared and its significance. (20)

Q.No.2:- Will digitization of records of rights lead to e-records eventually? Or Shajra kishtwar needs to be prepared electronically in order to have correct records. Explain with reasons in support. what efforts are being made by the Government in this direction. (20)

Q.No.3 a) Discuss in detail the process of updation of Musabi between the interval of two settlements. (10)

b) Eviction of encroachments on Government lands can be more effectively dealt with under the provisions of Public Premises Act than under the H.P. Land Revenue Act. Discuss. (10)

Q.No.4 Write notes:

- (i) Settlement report and Assessment report.
- (ii) Landowner and owner of Land.
- (iii) ETS & GPS.
- (iv) WGS-84.

(20)

Part-II

Q.No.5 Amit left home and cycled 10 kilometre southwards, turned right and cycled 5 kilometer and turned right and cycled 10 kilometer and turned left and cycled 10 kilometer. How many kilometers will he have to cycle to reach his home straight.

(20)

Q.No 6 Johny goes to office in his car. He drove 15 kilometer towards North and then 10 kilometer towards West. He then turned to the South and covered 5 kilometer. Further he turned to the East and moved 8 kilometer. finally he turned right and drove 10 kilometer. How far and in which direction is he from his starting point. (20)

Q.No. 7(A) If \times stands for $-$, \div stands for $+$, $+$ stands for \div and $-$ stands for \times , work out the following equations:

(a). $15 - 5 \div 5 \times 20 + 10$.

(b). $8 \div 10 - 3 + 5 \times 6$.

(c). $6 \times 2 + 3 \div 12 - 3$.

(d). $3 \div 7 - 5 \times 10 + 3$.

(10)

(B) Reena is twice as old as Sunita. Three years ago, she was three times as old as Sunita. How old is Reena now. (10)

Q.No. 8. The age of father is twice that of the elder son. Ten years hence the age of the father will be three times that of the younger son. If the difference of ages of the two sons is 15 years, what will be the father's age. (20)
