

H.P Board of Departmental Examination

Departmental Examination for Tehsildars and Naib Tehsildars April-2017

Paper No. - 2 Arithmetic and Patwari Mensuration

Time Allowed: 3 Hours

M.Marks -100

Note: - 1. Attempt any five questions. All questions carry equal marks. At least two questions from each part. The candidate may answer the questions either in English or Hindi. Relevant provisions of Acts, Rules and manuals be quoted.

Part-1 Arithmetic

Q.No. I (a) A shopkeeper allows 25% discount on the marked price of the sarees and still makes a profit of 20%. If he gains Rupees 225 over the sale of one saree, find the market price of the saree. -10

(b) If 60% people in a city like cricket, 30% like football and remaining like the other games. If the total number of people is 56 lakhs, find the exact number who like each type of game. -10

Q.No.II (a) Geeta deposits Rupees 20,000 in a private company at the rate of 16% compounded yearly; whereas Meera deposits an equal sum in PNB housing Finance Ltd at the rate of 15% compounded half yearly. If both deposit their money for one and half years only, calculate which deposit earns better interest. -15

(b) Find the compound interest on Rupees 10,000 for three years, if the rate of interest is 4% for the first year, 5% for the second year and 6% for the third year. - 05

Q.No.III (a) A room is 7 meters long and 5 meters wide. It has one door measuring 2 meter by 1.5 meter and the two windows, each measuring 1.5 by 1 meter. The cost of painting the walls at rupees 12.50 per square meter is Rupees 825. Find the height of the room. -15

(b) A rectangular sheet of paper 88cmx 10 cm is rolled along its length and cylinder is formed. Find the volume of the cylinder so obtained. -05

Q.No. IV (a) The population of a town is 8000. If the males increase by 6% and females by 10%, the population will be 8600. Find the number of females in the town. --10

(b) If 12 men and 16 boys can do a piece of a work in five days and 13 men and 24 boys can do it in 4 days, how long will 7 men and 10 boys take to do it? -10

-Part- II Mensuration

Q.No. V (a) Distinguish between Himris and Himbhumi , Describe the integrated role of online registration and online mutation process in the updation of periodical revenue records. -10

(b) How the land is measured during settlement, if river comes between two points? -10

Q.No. VI (a) What are the purposes of Crop –inspection (Girdawari) and how it is conducted? -10

(b) Describe in detail the roles and responsibilities of the Revenue officials and Revenue officers for the accurate crop inspection. -10

Q.No.VII (a) What do you understand by Record of Rights? Write in the details of documents attached with record of rights and briefly describe their significance. -15

(b) Write short note on that presumption of truth is attached with Record of Rights until and unless it is rebutted. -05

Q.No.VIII Explain the following terms:

(I) Revenue officer and Revenue court (II) Decree and Judgment (III)Wazib-ul Arz and Riwaj –I –am (iv) Shajra- Nasab and Lal Kitab (v)Standing Record and Annual Record. 5x4=20