TDC Even Semester Exam., 2019

EDUCATION

(Honours)

(6th Semester)

Course No. : EDCH–601

(Practical : Psychological Experiments and Statistics)

Full Marks : 50

Pass Marks : 17

Time : 2 hours

The figures in the margin indicate full marks for the questions

PART—A

(Psychological Practical)

1. Students will conduct any *one* of the experiments depending as the availability of equipments and interpret the result : 20

(a) Recall and recognition test

(b) Mirror learning

(c) Free association

(d) Inkblot test

PART—B

(Statistics)

2. *(a)* Define normal probability curve and write its important characteristics. 5

(b) An achievement test was administered on 300 9th class students. The score of this achievement test was normally distributed with mean = 30 and standard distribution = 4. Calculate—

(i) number of students who has scored between 30 and 35;

(ii) who has scored above 40. 7½+7½=15

OR

3. *(a)* Write down the important use of central tendency in interpretation of data. 4

(b) Following is the frequency distribution of marks obtained by 50 students in a test of statistics :

(i) Calculate mean and median from the data : 4+4=8

Marks Obtained	*No. of Students*
0–10	4
10–20	6
20–30	20
30–40	10
40–50	7
50–60	3

(ii) Prepare histogram and cumulative percentage curve (ogive) from the above data. 4+4=8

4. Evaluation of notebook. 5

5. Viva voce. 5

★ ★ ★