TDP (Honours) 6th Semester Exam., 2018

EDUCATION

(Honours)

SEVENTH PAPER

Full Marks : 80

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer **eight** questions, taking **two** from each Unit

*Candidates are required to give their answers in their
own words as far as practicable*

UNIT—I

1. What is research? Define educational research. Discuss the characteristics of educational research.   2+2+6=10

2. Explain the meaning of quantitative and qualitative approach of educational research. Distinguish between quantitative and qualitative research.   2+2+6=10

3. What do you mean by review of related literature? Bring out the importance of survey of related literature.   4+6=10

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11. Discuss the characteristics of standard score. Mention the advantages and disadvantages of standard score.   4+4+2=10

12. What is chi-square test? A sample survey of studying literacy on three types of inhabitants is given below :

Inhabitants	Literate	Illiterate	Total
Urban	175	225	400
Suburban	150	150	300
Rural	75	225	300
Total	400	600	1000

Examine whether literacy and inhabitants are related or not.   2+8=10

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UNIT—II

4. What is historical research? Mention the types of historical research. Discuss the primary and secondary sources of collecting data in historical research. 2+2+6=10

5. Discuss the nature of descriptive research. Discuss, in brief, about survey method under descriptive research. 3+7=10

6. What is the meaning and definition of experimental research? Discuss the steps of conducting experimental research. 4+6=10

UNIT—III

7. Draw a histogram and a frequency polygon of the following distribution of scores on the same axis : 5+5=10

Score	61–63	64–66	67–69	70–72
Frequency	5	6	9	15

Score	73–75	76–78	79–81	82–84
Frequency	12	8	6	4

8. What is coefficient of correlation? Find out the coefficient of correlation of the following two set of scores of 10 students by rank difference method and comment on it : 3+7=10

Students	A	B	C	D	E	F	G	H	I	J
Score I	32	38	48	43	40	22	41	69	35	64
Score II	30	31	38	43	33	11	27	76	40	59

9. What do you mean by measures of variability? State two uses of the most dependable measures of variability. Compute standard deviation of the following distribution : 2+2+6=10

Score	90–99	80–89	70–79	60–69
Frequency	2	5	7	10

Score	50–59	40–49	30–39
Frequency	12	8	6

UNIT—IV

10. Mention the various uses of normal probability curve in the field of education. Calculate skewness of the following distribution : 4+6=10

Score	30–39	40–49	50–59	60–69
Frequency	1	4	14	20

Score	70–79	80–89	90–99
Frequency	22	12	2