

Ba/Edn-502

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(5th Semester)

EDUCATION

(Honours)

Paper No. : EDN-502

(Statistics in Education)

Full Marks : 70

Pass Marks : 45%

Time : 3 hours

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

1. (a) Discuss the meaning, nature and scope
of educational statistics. 4+4+6=14

Or

- (b) Briefly explain the importance of
statistics in education and the use of
educational statistics. 10+4=14

2. (a) What are the different measures of central tendency? Compute mean and median for the following frequency distribution : 6+4+4=14

Score	Frequency
40-44	2
45-49	4
50-54	6
55-59	6
60-64	8
65-69	10
70-74	8
75-79	6
80-84	4
85-89	2
	<hr/> N = 56

Or

- (b) Calculate standard deviation (SD) from the following grouped data : 14

Class Interval	Frequency
60-64	2
55-59	1
50-54	3
45-49	6
40-44	8
35-39	5
30-34	2
25-29	1
20-24	3
15-19	7
10-14	2
	<hr/> N = 40

3. (a) Explain the concept of normal probability curve. Discuss the uses of normal probability curve in interpretation of test scores. $4+10=14$

Or

- (b) Define the terms 'skewness' and 'kurtosis'. Explain their main types along with a diagram. $4+5+5=14$

4. (a) Explain the concept of correlation. Calculate the coefficient of correlation by rank difference method between the marks secured in two subjects by 10 students. $3+11=14$

<i>Students</i>	<i>Maths</i>	<i>Science</i>
A	50	73
B	62	55
C	79	45
D	45	75
E	32	82
F	70	57
G	43	64
H	57	35
I	80	47
J	65	80

Or

- (b) Compute the product moment (r) of coefficient of correlation from the two sets of scores :

14

<i>Students</i>	<i>Test—X</i>	<i>Test—Y</i>
A	33	45
B	41	63
C	28	43
D	57	65
E	72	58
F	45	59
G	63	37
H	80	73
I	39	80
J	77	35

5. (a) What is a variable? Explain the types of data. 4+10=14

Or

- (b) Plot a histogram and a frequency polygon from the given data : 7+7=14

<i>Class Interval</i>	<i>Frequency</i>
0-9	5
10-19	12
20-29	15
30-39	22
40-49	14
50-59	4
60-69	2

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(5th Semester)

EDUCATION

(Honours)

Paper No. : EDN-503

(Educational Thoughts and Practices)

Full Marks : 70

Pass Marks : 45%

Time : 3 hours

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

1. (a) Critically discuss the contribution of Acharya Vinoba Bhave's philosophy to the field of education.

14

Or

- (b) Examine Mahatma Gandhi's main educational ideas and their relevance to education in modern times.

7+7=14

2. (a) Discuss Rabindranath Tagore's educational philosophy with special reference to Vishwa Bharti University.

14

(2)

Or

(b) Examine Dr. Radhakrishnan's contribution to the field of higher education.

3. (a) Discuss John Dewey's philosophy of education and its influence on modern education. 7+7=14

Or

(b) Explain the aims of education and the methods of teaching advocated by Bertrand Russell. 7+7=14

4. (a) Explain the educational views of Rousseau and discuss his contribution to the field of education. 7+7=14

Or

(b) Discuss the contribution of Paulo Freire's educational thoughts in the education of the oppressed. 14

5. (a) Explain the chief characteristics of the ancient Greek system of education. Describe Socrates' contribution to Greek education. 7+7=14

Or

(b) Discuss Plato's educational views in reforming the Athenian society. 14
