EDUCATION

93

PAPER—I

Time Allowed : Three hours   *Maximum Marks* : 300

The figures in the margin indicate full marks for the questions

Candidates should answer Question Nos. **1** and **5** which are compulsory and *any* **three** of the remaining, selecting at least **one** from each Group

GROUP—A

1. "The antithesis between liberal and vocational education is fallacious." Elucidate.   60

2. Define 'curriculum'. Enumerate the defects of the present curriculum of the secondary schools. What basic principles would you suggest for the construction of the curriculum of a secondary school?   10+25+25=60

3. Mention the personal and professional qualities needed for an ideal teacher. Describe the functions of teachers in the emerging Indian society.
          20+20+20=60

4. "A school can function successfully if it has the full support of the community where it is located." Explain the above statement in the light of school-community relationship.   60

GROUP—B

5. (a) Define 'statistics'. State the importance of statistics in education.   3+5=8

   (b) What is mean, median and mode? Enumerate three uses of each measure.   1+1+1+3+3+3=12

   (c) What is standard deviation? How is standard deviation different from quartile deviation? Why is quartile deviation called semi-interquartile range?   2+4+4=10

   (d) What is correlation? Mention two advantages of Rank-Difference Method of correlation.   2+2=4

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(e) Explain what is 'positive correlation' and 'negative correlation'.   3+3=6

(f) Following are the ranks obtained by ten students in two subjects 'Psychology' and 'Education' :

Psychology	1	2	3	4	5	6	7	8	9	10
Education	2	4	1	5	3	9	7	10	6	8

Compute coefficient of correlation by rank-difference method. To what extent the knowledge of the students in the two subjects is related?

15+5=20

6. "Educational Psychology takes its meaning from education, a social process, and from psychology—a behavioural science." Justify.   60

7. Discuss the basic laws of learning propounded by Thorndike. Do you think the laws are applicable in the present-day education system? Discuss with suitable illustrations.   30+30=60

8. Define 'adolescence' and give the significance of the study of adolescence for parents and teachers. Highlight the problems of adolescence in the contemporary society.   5+15+15+25=60

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