Total No. of Questions : 10]   [Total No. of Printed Pages : 4

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B. Ed. (Part-I) (General) Examination - 2010

PAPER - IV

INFORMATION AND COMMUNICATION TECHNOLOGY AND EDUCATIONAL EVALUATION

(2005 Pattern)

Time : 3 Hours]   [Max. Marks : 80

Instructions :

(1) All questions are compulsory.

*(2) Answers to the **two sections** should be written in **separate answer-books**.*

(3) Figures to the right indicate full marks.

*(4) Essay type questions carry **8 marks** and the answers of the same are expected to be written in 250 to 300 words each.*

*(5) Short answers type questions carry **4 marks** each and answers to the same are expected to be written in 100 to 150 words.*

*(6) Short answers type questions for **2 marks** each are expected to be written in 30 to 40 words.*

(7) Use of single memory calculator is allowed for calculations.

SECTION - I

Q.1) What is Word Processor ? What are the facilities available in Word Processor ? Write Educational Applications of Word Processor.   **[08]**

OR

Q.1) What is Network ? Write classification of Network. Explain requirements of Internet.   **[08]**

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Q.2) Explain PBL Concept. Write applications of ICT in the following fields : **[08]**

    (1)   Research

    (2)   Publication

    (3)   Communications

OR

Q.2) What is Video Conferencing ? Write characteristics of Video Conferencing. Explain Educational Application of Video Conferencing. **[08]**

Q.3) Answer **any two** of the following : **[08]**

    (a)   What is Hardware ? List Computer Hardwares. Write characteristics of any one Hardware.

    (b)   What is Computer Virus ? How will you manage Computer Virus ?

    (c)   Explain Computer Memory. Write functions of Operating System.

Q.4) Answer **any four** of the following : **[08]**

    (a)   Write characteristics of TAL ?

    (b)   Write Educational Applications of E-mail.

    (c)   What are the Objectives of Edusat ?

    (d)   Write uses of Multimedia for Teacher.

    (e)   Write facilities available in 'Spreadsheet'.

Q.5) Answer **any four** of the following : **[08]**

    (a)   Explain limitations of ICT.

    (b)   Write characteristics of Simulated Learning.

    (c)   What are the limitations of E-learning ?

    (d)   Write educational uses of Database.

    (e)   Write note on 'Downloading Information'.

SECTION - II

Q.6) What are the criterias of Good Evaluation Tools ? Illustrate factors to be considered to improve validity of the test. **[08]**

OR

Q.6) Explain with suitable examples the effects of evaluation approach in different fields of Education. **[08]**

Q.7) Calculate Standard Deviation of the following data and interpret it : **[08]**

Class Intervals	90 | 99	80 | 89	70 | 79	60 | 69	50 | 59	40 | 49
Frequency	03	09	18	10	06	04

OR

Q.7) Calculate P_{60} and P_{80} of the following frequency distribution and interpret it : **[08]**

Class Intervals	35 | 39	30 | 34	25 | 29	20 | 24	15 | 19	10 | 14	5 | 9
Frequency	01	05	12	15	10	04	03

Q.8) Answer **any two** of the following : **[08]**

(a) What is meant by Central Tendency ? What are the measures of Central Tendency ? Out of these which one is most stable and reliable ? Why ?

(b) What is an Objective Question ? Frame two multiple choice questions related to your school subject.

(c) What is Annual Planning ? What is the importance of Annual Planning for Teacher ?

Q.9) Answer **any four** of the following : [08]

    (a)   Explain Class-room Objectives of Cognitive Domain.

    (b)   Write advantages of On-line Exam.

    (c)   Explain types of Correlations.

    (d)   Write characteristics of 'Median'.

    (e)   Write advantages of Essay Type Questions.

Q.10) Answer **any four** of the following : [08]

    (a)   Explain the following concepts :

        (i)   Skewness

        (ii)   Kurtosis

    (b)   Write importance of Diagnostic Test.

    (c)   Explain types of Learning Experiences.

    (d)   What is the importance of Introduction Step of Lesson ?

    (e)   Explain Area Properties of Normal Probability Curve.

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