

F 2953

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Reg. No.....

Name.....

M.Ed. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2018

Third Semester

EDU 913.2—EDUCATIONAL TECHNOLOGY

(2015 Admission onwards)

[Regular/Supplementary]

Time : Three Hours

Maximum : 80 Marks

Part A

*Answer any two questions.
Each question carries 10 marks.*

1. "The introduction of educational technology is a boon to the learners and learning environment". Discuss this statement.
2. Define Communication.
Discuss the components of communication. Explain the barriers of communication and provide remedial measures for overcoming it.
3. What are models of teaching ?
Explain in detail, the 'Inquiry Training Model (ITM) and its Syntax.
4. What are the principles of Individualised instruction ?
Elaborate on the concept of Programmed instruction and its types.

(2 × 10 = 20 marks)

Part B

*Answer any ten questions.
Each question carries 5 marks.*

5. What is the scope of Educational Technology in evaluation ?
6. Differentiate between teaching technology and instructional technology.
7. What is Keller Plan ?
Write down its advantages.
8. How will you employ Simulation for modifying the teacher behavior ?
9. Write short note on the problems of virtual learning.
10. Distinguish between Computer Assisted Instruction (CAI) and Computer Managed Instruction (CMI).

Turn over

11. Briefly explain the new horizons of Educational Technology.
12. What are the functions of EMMRC and SIET.
13. Write a note on the families of Models of Teaching.
14. What is ICT ?

Which are the various measures by which ICT is used to enhance education.

15. Discuss the different types of interaction analysis by taking an example from FIACS.
16. What is tele-conferencing ?

How will you organize a tele-conferencing in your institution ?

Mention any *two* advantages.

(10 × 5 = 50 marks)

Part C

*Answer any five questions.
Each question carries 2 marks.*

17. Mention any *four* significance of multimedia approach.
18. Write down any *four* subskills of 'Questioning'.
19. Define Web 2.0.
20. What is computer memory ? Which are the two types of memory ?
21. What do you mean by hyper text ?
22. What are the advantages of *e-journals*.
23. Mention any *four* computer languages.

(5 × 2 = 10 marks)

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Reg. No.....

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M.Ed. DEGREE EXAMINATION, NOVEMBER 2017

Third Semester

EDU 913.2—EDUCATIONAL TECHNOLOGY

(2015 Admission onwards)

[Regular/Supplementary]

Time : Three Hours

Maximum : 80 Marks

Part A

Answer any two questions.

Each question carries 10 marks.

1. How can you achieve offence communication in classrooms ? How can we plan possible remedial measures for effective communication ?

(5 + 5 = 10 marks)

2. What do you mean by "Models of Teaching".

Explain in detail the 'synetics' model with its syntax using a suitable example from the topic of your choice.

(2 + 8 = 10 marks)

3. Define ICT.

Discuss on the "new horizons of ET". How far these innovations influenced the current educational scenario.

(2 + 8 = 10 marks)

4. What is Computer Assisted-Instruction ?

Explain how will you develop and validate computer packages for successful learning.

(4 + 6 = 10 marks)

[2 × 10 = 20 marks]

Part B

Answer any ten questions.

Each question carries 5 marks.

5. What are the implication of Skinner's theory in Educational Technology ?

6. What are the components of communication ?

Which are the types of classroom communication ? Explain.

7. What are the principles of individualised instructions ?

Mention the advantages and disadvantages of programmed instructions.

Turn over

8. Explain the meaning and nature of teaching strategies.
What are its functions ?
9. What are the applications of ET in distance educations ? Explain.
10. What are the contributions of NIST for the improvement of teaching and learning ?
11. Which are the various types of input-output devices ? Explain with examples.
12. "The introduction of ET will reduce the role of teacher in classrooms for carrying out instructions and knowledge"—Justify with reasons.
13. How will you organise competency based teacher education for the modification of teaching behaviour ?
14. Write short note on different types of Educational Technology.
15. Discuss the role of ET in "evaluation process".
16. What are the research trends of "Research in ET" ?

(10 × 5 = 50 marks)

Part C

*Answer any five questions.
Each question carries 2 marks.*

17. Give examples for any *four* mass storage devices.
18. Mention any *four* disadvantages of web based instruction.
19. Write down some future trends in digital technology.
20. What is Keller plan ?
21. List any *four* advantages of Satellite Instruction.
22. What is Computer Managed Instruction ?
23. What is Computer Memory ? Which are the different types of memory ?

(5 × 2 = 10 marks)

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Reg. No.....

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M.Ed. DEGREE EXAMINATION, DECEMBER 2016

Third Semester

Specialisation Course

EDU 913.2—EDUCATIONAL TECHNOLOGY

Time : Three Hours

Maximum : 80 Marks

Part A

*Answer any two questions.
Each question carries 10 marks.*

1. Explain how far the theories of Gagne and Bruner are applicable for Educational Technology.
2. Enumerate the significance of models of teaching for instructional purposes.
3. Discuss the recent innovations utilised in the area of Educational Technology.
4. Explain the procedure you would adopt for the development and validation of a CAI package.

(2 × 10 = 20 marks)

Part B

*Answer any ten questions.
Each question carries 5 marks.*

5. What is systems approach ? Explain its components.
6. Explain the various transactional usage of Educational Technology.
7. Differentiate between VICS and BIAS.
8. Illustrate the need for ICT oriented assessment tools.
9. Define Microteaching. Explain the components of the skill of Reinforcement.
10. State the functions of any five resource centres for Educational Technology.
11. Explain the parts and peripherals of a computer.
12. Explain the different communication approaches to instruction.
13. State the role and functions of National Mission in ICT for schools.
14. Explain the application of Educational Technology in distance education.
15. What is instructional design ? Explain the different stages of development of instructional design.
16. What are the principles of Programmed Instruction ?

(10 × 5 = 50 marks)

Turn over

Part C

*Answer any five questions.
Each question carries 2 marks.*

17. What are the benefits of m-learning ?
18. Differentiate between EMRC and MCRC.
19. What are Open Learning Systems ?
20. What is Educational Informatics ?
21. Write any two features of CBTE.
22. What are the uses of CCTV ?
23. What are the advantages of Keller Plan ?

(5 × 2 = 10 marks)