6020117

B.Ed. DEGREE EXAMINATION, MAY 2016.

First Year — Non-Semester

Education

Optional — PEDAGOGY OF COMPUTER SCIENCE — Part I

(From 2015-16 onwards)

Time : Three hours Maximum : 80 marks

PART A — (2 × 10 = 20 marks)

Answer BOTH the questions.

1. (a) Explain about types of Computers.

Or

(b) Discuss on aim and objectives of teaching Computer Science.

2. (a) Describe about Writing lesson plan, Blackboard writing and Skill of Demonstration.

Or

(b) Discuss on different models/approaches for writing lesson plan.

PART B — (8 × 5 = 40 marks)

Answer any EIGHT questions.

3. Describe about History of computers.

4. Discuss on High level and Programming languages.

5. Write any two different levels of Computer Science Teaching.

6. How to integrate of teaching skill? Discuss.

7. Write detail about importance of lesson plans.

8. Explain the Analytic and Synthetic Methods.

9. Discuss on Edgar Dale Cone classification approach.

10. Describe principles of Curriculum development.

11. Explain functional units of Computer System.

12. Discuss on basic functions of OS.

13. Why need and importance of reviewing lesson? Discuss.

14. Write short notes on Online Examination and Grading Pattern.

PART C — (10 × 2 = 20 marks)

Answer ALL questions.

15. Define System Software.

16. Define Bloom's Taxonomy of Educational Objectives.

17. What is meant by Micro teaching?

18. Compare Lesson plan, unit plan and year plan.

19. Define CAI.

20. List out any two Instructional material or teaching aids.

21. Compare Chronological and Sequential approach.

22. Define CPU and ALU.

23. What is meant by review?

24. Define Blue print.

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B.Ed. DEGREE EXAMINATION, APRIL/MAY 2017.

First Year – Non-Semester

Education

Optional : PEDAGOGY OF COMPUTER SCIENCE – Part – 1

(From 2015-16 onwards)

Time : Three hours Maximum : 80 marks

PART A — (2 × 10 = 20 marks)

Answer ALL the questions.

1. (a) Briefly explain the computer I/O devices with an example.

Or

(b) Illustrates the different levels of computer science teaching.

2. (a) Discuss on the computer storage devices.

Or

(b) Explain the types and characteristics of good assignment.

PART B — (8 × 5 = 40 marks)

Answer any EIGHT questions.

3. Write short note on the use of computers in schools.

4. Explain: System and applications software.

5. Write short notes on components of digital computer.

6. Write short notes on taxonomy of educational objectives.

7. Explain: Synthetic methods.

8. Write short note on importance of instructional aid in computer science.

9. Explain the spiral approach.

10. Explain the functions of operating system.

11. Explain the qualities of good computer science textbooks.

12. Explain: Characteristics of a good review.

13. Write short notes on types of test.

14. Explain the tools and techniques in evaluation.

PART C — (10 × 2 = 20 marks)

Answer ALL the questions.

15. Define micro computer.

16. Write any two educational objectives.

17. What is reinforcement?

18. What is lesson plan?

19. Define CML.

20. What is multimedia?

21. Define correlated approach.

22. Expand : EPROM and PROM.

23. Define review.

24. Define remedial measure.

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B.Ed. DEGREE EXAMINATION,
MAY 2018.

First Year

Education

PEDAGOGY OF COMPUTER SCIENCE — PART I

(From 2015–16 onwards)

Time : Three hours Maximum : 80 marks

SECTION A — (2 × 10 = 20 marks)

Answer ALL the questions.

1. (a) Explain the Bloom's taxonomy of education objectives.

Or

(b) Explain the needs and importance of using different types of audio-visual-aids in computer science teaching.

2. (a) Discuss about organization of computer science curriculum.

Or

(b) Describe the importance and need of reviewing computer science lesson.

SECTION B — (8 × 5 = 40 marks)

Answer any EIGHT questions.

3. Compare system software and application software.

4. Write the objectives of teaching computer science at the higher secondary level.

5. Write an episode for the skill of reinforcement.

6. Explain the need for preparing lesson plan for class room teaching of computer science.

7. What is mean by CAI? Explain its preparation with an example.

8. List out the present position of computer science in school curriculum today.

9. Explain the types of RAM.

10. Write about different types of assignment with example.

11. Explain the uses of computer in schools.

12. Explain the important characteristics of a good lesson plan.

13. Write a note on self learning.

14. Explain the classification of operating system.

SECTION C — (10 × 2 = 20 marks)

Answer ALL the questions.

15. What is mean by communication network?

16. Write the skill of block board writing.

17. What is the aim of computer science teaching?

18. Enlist the essential steps of a unit plan.

19. How is analytic method differing from synthetic method?

20. Differentiate between projective and non projective aids.

21. Name the types of curriculum.

22. Write about ROM.

23. Define blue print.

24. List the characteristics of good test.

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