

Course Outcomes:

- CO1: understand the principles in curriculum development
- CO2: choose suitable resources for enhancing learning
- CO3: organize co-curricular activities related to Mathematics
- CO4: collect books for enriching a mathematics library
- CO5: construct tests to measure the achievement test in mathematics judge the quality of a test

PART - A

5 x 1 = 5

Choose the correct answer

1. The reference book is different from text book because it
a. is used only by the teacher
b. is used only at times
c. is costlier than text books
d. gives detailed information about certain topics
CO 4 K2
2. The demerit of laboratory method of teaching is that it
a. lays emphasis on learning by doing
b. neglects the maths theory
c. brings application of maths into prominence
d. degenerates into manual training
CO3 K1
3. Dictionary is an example for _____ book
a. hand
b. reference
c. work
d. text
CO4 K1
4. Using games while teaching belongs to
a. spiral arrangement of curriculum
b. perfect plan of arrangement
c. topical plan of arrangement
d. activity oriented curriculum
CO3 K1
5. The apparatus in the laboratory should be
a. cheap
b. attractive
c. accurate
d. in plenty
CO3 K1

PART - B

5 x 2 = 10

Answer the following in one or two sentences

6. Write any two advantages of text book to students. CO4 K2
7. How do you motivate your students to read mathematics books? CO4 K4
8. List any two supplementary resources CO4 K1
9. List any four mathematics books with name of the author. CO4 K1
10. What is e-books? CO4 K2

PART - C

3 x 5 = 15

Answer ALL Questions

Answer should not exceed 200 words or one page

11. a. Why Mathematics Lab is not established in many schools? Give reasons(any 5) CO3 K3
11. b. Explain any 5 equipments to be kept in mathematics lab? (or) CO3 K2
12. a. How will you establish a math library in your school? CO4 K4
12. b. What are the advantages(any 10) of having a mathematics lab? CO3 K2
13. a. What are the books to be kept in a Mathematics Library? CO4 K2
13. b. What are the advantages(any 10) of going to a library? (or) CO4 K2

PART - D

2 x 15 = 30

Answer the following

Answer should not exceed 700 words or four pages

14. a. In what way Mathematics laboratory helps the Learners? CO3 K3
14. b. Explain which concepts (any 10) in Mathematics can be done in Laboratory? (or) CO3 K4
15. a. Explain the types of books. CO4 K2
15. b. Explain the need and importance of a Mathematics Library. (or) CO4 K2