



Mammy

Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University Estd. u/s 3 of UGC Act 1956, Category A by MHRD)
Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12B
Coimbatore - 641 043, Tamil Nadu, India

Bachelor of Education / B.Ed. Special Education (VI/II) Degree Examination – January 2022
III semester

Class: II B.Ed. / II B.Ed. Special Education (VI/ II)

Time : 3 Hours
Max. Marks : 100

18BEDM13 / 18BDSM13 School Subject I: Curriculum and Resources in
Mathematics Education

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
CO6: Judge the quality of a test

Part A
Choose the Correct Answer

10 x 1 = 10

1. Curriculum is
a. course
b. syllabus
c. co-curricular activities
d. over all activities of an institution
CO1 K1
2. Important factor of curriculum is to help to achieve the
a. education
b. objectives
c. values
d. jobs
CO1 K2
3. An example of visual projected aid is
a. Television
b. Radio
c. Tape recorder
d. Chart
CO2 K2
4. Which one is odd man out?
a. Flannel board
b. Interactive white board
c. Display board
d. Notice board
CO2 K2
5. INFLIBNET is established by
a. NCTE
b. NCERT
c. UGC
d. AICTE
CO2 K1
6. Learning by doing is encouraged in
a. Libraries
b. Clubs
c. Labs
d. Classrooms
CO3 K2
7. Select the publication of research article.
a. Newspaper
b. Textbooks
c. Journal
d. Magazine
CO4 K1
8. Which of the books should be weeded in a library?
a. Thesaurus
b. Encyclopaedia
c. Dictionary
d. Superseded editions
CO4 K2
9. Summative evaluation takes place
a. in the beginning
b. at regular intervals
c. at the end
d. in the middle
CO5 K3
10. The properties of a good test is
a. validity
b. reliability
c. objectivity
d. all the above
CO5 K2

Part B

5 x 6 = 30

Answer ALL questions

Each answer should not exceed 400 words or two pages

- 11.a. Write the characteristics of a good curriculum. CO1 K2
(or)
- 11.b. Distinguish curriculum from syllabus. (any six) CO1 K2
- 12.a. Give the specific uses of mathematics text book. (any six) CO2 K3
(or)
- 12.b. Suggest some of the low cost improvised teaching aids in mathematics. CO2 K4
- 13.a. List the equipments in a mathematics laboratory. CO3 K2
(or)
- 13.b. Discuss the essential features of the Mathematics laboratory. CO3 K2
- 14.a. Write a short note on workbook in mathematics. CO4 K2
(or)
- 14.b. List out the uses of reference book in mathematics. (any six) CO4 K1
- 15.a. Highlight the qualities of a good test. CO5 K2
(or)
- 15.b. Distinguish between diagnostic and remedial teaching. CO5 K2

Part C

5 x 12 = 60

Answer ALL questions

Each answer should not exceed 800 words or four pages

- 16.a. Explain the principles and organisation of curriculum construction. CO1 K3
(or)
- 16.b. Analyse the differences in State Board, CBSE and ICSE curriculum. CO1 K3
- 17.a. Bring out the use of mass media in teaching, integrating IT in teaching mathematics. CO2 K3
(or)
- 17.b. Explain Edger Dale cone of experience. CO2 K2
- 18.a. Write the need and importance of mathematics laboratory. CO3 K2
(or)
- 18.b. Device suitable resources for enhancing learning in mathematics. CO2 K6
- 19.a. Mathematics library is very important in all the institutions - comment. CO4 K5
(or)
- 19.b. Bring out the uses of mathematics library for teachers and students. CO4 K3
- 20.a. Explain in detail the steps involved in the construction of Achievement test. CO5 K4
(or)
- 20.b. Explain the meaning and importance of CCE in mathematics. CO5 K3
