



Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)

Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12B

Coimbatore - 641 043, Tamil Nadu, India

Bachelor's Degree Examination – June / July 2021

II Semester

Class : I UG

Time : 3 Hours

Major : Special Education and Mathematics

Max. Marks : 100

18BSEC03 Visual Impairment

Part A

10 x 1 = 10

Choose the Correct Answer

1. The visually disability that is present right from birth is referred as CO1K1
 a. congenital blindness b. acquired blindness
 c. total blindness d. partial blindness
2. Emmetropic is the condition in which the eye has CO1K1
 a. refractive errors b. no refractive errors
 c. disorders d. diseases
3. The light sensitive layer of the eye CO1K4
 a. cornea b. sclera
 c. choroid d. retina
4. The field of vision of a person having normal vision CO1K1
 a. 120° b. 160°
 c. 180° d. 360°
5. Verbalism means CO3K4
 a. proper use of words b. use of words without concrete experiences
 c. inappropriate body movements d. maladaptive behaviours
6. A system for soldiers to communicate at night without a sound was developed by CO3K1
 a. Louis Braille b. Charles Barbier
 c. Helen Keller d. Anne Sullivan
7. Which of the mathematical calculation cannot be carried out with the use of Abacus? CO3K1
 a. Division b. Decimal
 c. Algebra d. Fraction
8. The centrally sponsored scheme of SSA- IEDSS aims to provide education for children with disabilities at CO3K4
 a. primary level b. middle school level
 c. secondary level d. senior secondary level
9. The special educator who moves from school to school CO3K2
 a. dual teacher b. cooperative teacher
 c. itinerant teacher d. resource room teacher
10. It is an integral part of the overall education system and is provided in regular schools CO3K2
 a. special education b. inclusive education
 c. integrated education d. universal education

Part B

5 x 6 = 30

Answer ALL questions

Each answer should not exceed 400 words or two pages

- 11.a. Enumerate the definition of total blindness and low vision. CO1K2
(or)
11.b. Briefly describe the physiology of human eye. CO1K2
- 12.a. Prioritize the possible causes for visual impairment. CO1K4
(or)
12.b. Explain the objective effects of blindness. CO2K4
- 13.a. Review the concept of Braille System. CO3K2
(or)
13.b. Demonstrate the use of mathematical devices. CO3K3
- 14.a. Summarize the objectives of teaching DLS for children with visual impairment. CO3K2
(or)
14.b. Illustrate the parts of cane and explain its uses. CO3K3
- 15.a. Explain the concept and implementation of Special School Programme. CO3K2
(or)
15.b. Describe the objectives of IED - SSA. CO3K2

Part C

5 x 12 = 60

Answer ALL questions

Each answer should not exceed 800 words or four pages

- 16.a. Outline the characteristics and management strategies for any six eye disorders. CO1K4
(or)
16.b. Describe the anatomy of human eye with appropriate drawing. CO1K2
- 17.a. Identify the attitude of parents, teachers and community towards visual impairment. CO1K2
(or)
17.b. Predict on the effect of visual impairment on the cognitive and socio-emotional development of an individual. CO2K2
- 18.a. Explain the application of educational devices for students with visual impairment. CO3K2
(or)
18.b. Appraise the activities to develop pre-Braille reading and writing skills among children with visual impairment. CO3K4
- 19.a. Explain the techniques of teaching Orientation and Mobility to the visually impaired. CO3K2
(or)
19.b. Evaluate the methods of teaching DLS to children with visual impairment. CO3K4
- 20.a. Examine the barriers that impede the successful implementation of inclusive education. CO3K3
(or)
20.b. Explain the role of State and Central Government agencies in the implementation of Educational Programmes for the disabled. CO3K2
