

BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
SECOND YEAR - (Regulations for the candidates admitted from 2022-2023 onwards)
PAPER II – MEDICINE, SURGERY AND PAEDIATRICS, ENT,
OPHTHALMOLOGY, PHARMACOLOGY
Q.P. Code: 786196

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

Section A and B must be answered in SEPARATE Answer Book

Draw suitable diagrams wherever necessary.

SECTION – A

I. Elaborate on:

(1 x 20 = 20)

1. What is cerebral palsy? Classify cerebral palsy and elaborate on its clinical features. What are the various modes of management of a child with cerebral palsy and what role do each of these specialists play?

II. Write notes on:

(4 x 5 = 20)

1. Clinical features of pneumonia.
2. Risk factors for hypertension.
3. Gestational diabetes.
4. Hypothyroidism.

III. Short answers on:

(5 x 2 = 10)

1. Cataracts.
2. DPT vaccine.
3. Anti Tuberculosis Therapy (ATT).
4. Examples of vector borne transmission of diseases.
5. Prevention of urinary tract infections.

SECTION-B

I. Elaborate on:

(1x20=20)

1. Classify burns injuries on the basis of depth. Illustrate with a diagram. Elaborate on the clinical features and consequences of each type. How are scarring and contractures prevented in burns injuries? Write about the plastic surgery techniques used.

II. Write notes on:

(4 x 5 = 20)

1. Cholecystectomy - complications.
2. Herniorrhaphy – indications and complications.
3. Squint – causes and treatment.
4. Audiometry – types and uses.

III. Short answers on:

(5 x 2 = 10)

1. The middle ear - function.
2. Assessment of visual fields.
3. Pfannensteil incision.
4. Colostomy.
5. Chemical burns.

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SECTION – A

I. Elaborate on: (1 x 20 = 20)

1. A 68 year old man complains of sudden severe chest pain radiating to his left arm. He is also sweating profusely and is very anxious. What is the pathology behind this disease? What are the risk factors for it? Describe the investigations required and the modes of treatment available to treat this disease.

II. Write notes on: (4 x 5 = 20)

1. Growth charts.
2. Occupational lung diseases.
3. Clinical features and causes of acute renal failure.
4. Duchenne muscular dystrophy.

III. Short answers on: (5 x 2 = 10)

1. BCG vaccine.
2. Sources of iron.
3. Incubation period.
4. Non steroidal anti inflammatory drugs.
5. Risk factors for gastroesophageal reflux disease.

SECTION-B

I. Elaborate on: (1x20=20)

1. How do we classify burns based on cause? What is Wallace rule of 9 and how is it modified in children? List the first aid measures to be taken in case of a burns injury. What measures do you suggest to prevent burn injuries in your home?

II. Write notes on: (4 x 5 = 20)

1. Hysterectomy – indications and complications.
2. Complications of burns.
3. Glaucoma – clinical features and treatment.
4. Cochlear implant.

III. Short answers on: (5 x 2 = 10)

1. Acute suppurative otitis media.
2. Hemianopia.
3. Gridiron incision.
4. Ileostomy.
5. Snellen chart.