

IV - S - BPT & BOT - (Medicine - II) - (R & B)

2024

Full Marks - 100

Time - As in the Programme

The figure in the right hand margin indicates marks.

Answer ALL questions.

Section – A

(Cardiology & Work Physiology)

[50 Marks]

I. Long question (Answer any TWO): **[15 x 2]**

(a) Write pathophysiology & management of mitral stenosis?

(b) Mechanical & electrical events of the heart.

(c) Briefly describe aetiology, classification and management of hypertension.

[Cont...

[2]

II. Short questions (Answer any FOUR) : [5 x 4

- (a) Atherosclerosis
- (b) Prevention of DVT.
- (c) Fick's equation for exercise physiology.
- (d) MET
- (e) Myocardial Contractility.

Section – B

(Paediatrics)

[50 Marks

I. Long question (Answer any TWO) : [15 x 2

- (a) Discuss maternal & neonatal factors contributing high risk pregnancy.
- (b) Write down the normal development of a child from birth to 6 years ?
- (c) What is spina bifida ? Write down diagnosis, clinical features & its management ?

[Cont...

[3]

II. Short questions (Answer any FOUR) : [5 x 4]

- (a) Diet for new born.
- (b) Rickets
- (c) UTI
- (d) Seizure Disorder.
- (e) Mental Retardation.



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