

BBV

2007

100055

MEDICAL SCIENCE - II (Optional)

Standard : Degree

Total Marks : 200

Nature : Conventional

Duration : 3 Hours

Note :

- (i) *Answers must be written in English only.*
- (ii) *Question No. 1 is Compulsory. Of the remaining questions, attempt **any four** selecting one question from each section.*
- (iii) *Figures to the **RIGHT** indicate marks of the respective question.*
- (iv) *Number of optional questions upto the prescribed number in the order in which they have been solved will only be assessed. Excess answers will not be assessed.*
- (v) *Credit will be given for orderly, concise and effective writing.*
- (vi) *Candidate should not write roll number, any name (including their own), signature, address or any indication of their identity anywhere inside the answer book otherwise he/she will be penalised.*
- (vii) *For slab of 10 marks, the examinee is expected to write answers in 125 words.*

Marks

1. Answer *any four* of the following (10 marks each) :

40

- (a) Describe etiology, clinical features, investigations, complications and treatment of Pyogenic Meningitis.
- (b) Define shock. Enumerate different types of shock. Discuss etiology, clinical features and management of hypovolemic shock.
- (c) What are the causes of obstructive jaundice ? Give clinical features, investigations and treatment of a case of periampullary carcinoma.
- (d) (i) Define Normal labour, stages of normal labour.
(ii) Give the physiology and management of third stage of labour.
- (e) What are steps involved in "Planning Cycle" ?

P.T.O.

SECTION - A

2. Answer the following sub-questions :

- (a) Describe etiology, clinical features, investigations and treatment of Leptospirosis. 10
- (b) Write short notes on :
- (i) Complications of mitral stenosis. 5
- (ii) Treatment of acute bronchial asthma. 5
- (c) Mention types of Ventricular Septal Defects i.e., VSD. Describe haemodynamics, clinical features, investigations and management of a child with VSD. 10
- (d) (i) Discuss the contra-indication to the Electro-convulsive therapy. 5
- (ii) How you will diagnose a case of *Schizophrenia* ? Give brief account of Tardive Dyskinesia. 5

3. Answer the following sub-questions :

- (a) Write short notes on :
- (i) Clinical features and treatment of Thiamine deficiency. 5
- (ii) Clinical features and treatment of hypothyroidism. 5
- (b) Write short notes on :
- (i) Management of Acute Myocardial Infarction. 5
- (ii) Enumerate adverse effects of first line antitubercular drugs. 5
- (c) (i) Describe clinical features and investigations in a five year old child with malarial fever. 3
- (ii) Describe management of the same in detail. 7
- (d) (i) Enumerate the complications of Alcoholism. Add note on "Disulfiram". 5
- (ii) Discuss in brief any 5 Newer Anti-Psychotic drugs. 5

SECTION - B

4. Answer the following sub-questions :

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|-----|------|--|----|
| (a) | (i) | Principles of administration of general anaesthesia. | 5 |
| | (ii) | Various methods of oxygen therapy and its indications. | 5 |
| (b) | | What is colle's fracture ? Discuss clinical features and management of a case of colle's fracture. | 10 |
| (c) | | Give classification and surgical management of cataract. | 10 |
| (d) | | Enumerate causes of epistaxis. Give clinical features and management of epistaxis. | 10 |

5. Answer the following sub-questions :

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|-----|------|--|----|
| (a) | (i) | Intravenous urography | 5 |
| | (ii) | Computerised tomography | 5 |
| (b) | | Define amputation. What are different methods of amputation. Give indications, technique and complications of a case of below knee amputation. | 10 |
| (c) | | What is glaucoma ? Give types, diagnosis and treatment of glaucoma. | 10 |
| (d) | | What are types of deafness ? Give investigations and rehabilitation measures in a case of deafness. | 10 |

SECTION - C

6. Answer the following sub-questions :

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|-----|------|---|---|
| (a) | (i) | Discuss the physiological changes in CVS during pregnancy. | 5 |
| | (ii) | Discuss the management of labour in a patient with heart disease. | 5 |
| (b) | (i) | Aetiology and diagnosis of primary amenorrhoea. | 5 |
| | (ii) | Give in brief management of imperforate hymen. | 5 |
| (c) | (i) | Define Pelvic Inflammatory Disease. Give predisposing factors and organisms causing it. | 5 |
| | (ii) | Describe clinical features and management of Acute PID. | 5 |
| (d) | (i) | Discuss methods of first trimester MTP. | 5 |
| | (ii) | Give immediate and late complications of Suction and Evacuation and their management. | 5 |

P.T.O.

7. *Answer the following sub-questions :*

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|-----|------|--|---|
| (a) | (i) | Enumerate causes of convulsions in a newborn. | 5 |
| | (ii) | Discuss the management of convulsions in a newborn. | 5 |
| (b) | (i) | Describe physiology of menstruation. | 5 |
| | (ii) | Enumerate various menstrual disorders. | 5 |
| (c) | (i) | Enumerate causes of post menopausal bleeding. | 5 |
| | (ii) | Describe symptoms, signs and diagnosis of carcinoma of cervix. | 5 |
| (d) | (i) | Discuss indications, contraindications of IUCD. | 5 |
| | (ii) | Discuss follow up of a patient after IUCD insertion and complications of IUCD. | 5 |

SECTION - D

8. *Answer the following sub-questions :*

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|-----|-------|--|----|
| (a) | (i) | What is Emergency Management ? | 4 |
| | (ii) | Explain in brief phases of Emergency Management : | 6 |
| | | • Preparedness | |
| | | • Response | |
| | | • Recovery | |
| (b) | | Explain indicators of fertility related statistics. | 10 |
| (c) | | "Natural History of disease". Explain in brief. | 10 |
| (d) | (i) | Mention public health importance of STI's. | 2 |
| | (ii) | What is Syndromic Management ? | 4 |
| | (iii) | Describe rationale for standardized treatment for STI's. | 4 |

9. *Answer the following sub-questions :*

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|-----|------|--|----|
| (a) | | Describe in brief categories of hospital waste and its management. | 10 |
| (b) | | Discuss epidemiology of Obesity and its prevention. | 10 |
| (c) | (i) | Prevention of polio. | 4 |
| | (ii) | Eradication of polio in India (strategies). | 6 |
| (d) | | Early detection and cancer prevention. | 10 |

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