

2006

MEDICAL SCIENCE - II (Optional)

000054

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) :
  - (a) Describe etiology, Pathogenesis, clinical features investigations and treatment of Congestive Cardiac Failure (C.C.F.) 10
  - (b) Discuss types of wound healing. Describe wound closure techniques. 10
  - (c) Describe clinical presentation of carcinoma of tongue. Discuss management of carcinoma of middle third of tongue. 10
  - (d) What is pre-eclampsia ? How will you manage a case of severe pre-eclampsia with convulsions ? 10
  - (e) Outline the steps in planning of a "Cohort Study". 5  
Give the advantages and disadvantages of the Cohort Study. 5

P.T.O.

## SECTION - A

## 2. Answer the following sub-questions :

- (a) Describe etiology Pathogenesis, clinical features, investigations and treatment of Typhoid Fever. 10
- (b) Describe etiology, clinical features, investigations and treatment of Community Acquired Pneumonia. 10
- (c) Short answer : 10
- What is the Universal Immunisation Programme ?
  - Discuss common Adverse Events following Immunisation (AEFI) with management.
  - Add a note on Pulse Polio Immunisation.
- (d) Write short notes on :
- (i) Electro convulsive therapy mechanism of action and side effects. 5
- (ii) Olanzapine. 5

## 3. Answer the following sub-questions :

- (a) Describe etiology, pathogenesis, clinical features, investigations and treatment of Cirrhosis of Liver. 10
- (b) Describe etiology, clinical features, investigations and treatment of Hypertension. Enumerate Complications of Hypertension. 10
- (c) One and half year old child presents with fever, cough, cold and respiratory distress of 3 days duration. Discuss the possible etiology/clinical cause and management. What are the danger signals/clinical signs of serious illness in children ? What is the ARI programme of India ? 10
- (d) Write short notes on :
- (i) Prognosis of depression 5
- (ii) Autistic disorder 5

## SECTION - B

## 4. Answer the following questions :

- (a) Describe regional local anaesthetic techniques. Discuss intrathecal anaesthesia (Spinal). 10
- (b) Classify fracture neck femur. Discuss management of intertrochanteric fracture neck femur. 10

## Marks

- (c) Describe differential diagnosis of Acute red eye. Discuss causes and management of conjunctivitis. 10
- (d) Discuss types and management of chronic suppurative otitis media. 10
5. *Answer the following questions :*
- (a) Diagnostic Ultrasound. 10
- (b) Discuss etiology and management of congenital talipes equinovarus (club foot). 10
- (c) Discuss causes of painless loss of vision. 10
- (d) Enumerate premalignant lesions causing oropharyngeal carcinomas. Discuss management of leucoplakia and erythroplakia. 10

## SECTION - C

6. *Answer the following sub-questions :*
- (a) What are common causes of early pregnancy wastages ? How will you prevent 2<sup>nd</sup> trimester pregnancy wastage ? 10
- (b) What are causes and management of puberty menorrhagia ? 10
- (c) Write signs, symptoms diagnosis and treatment of Genital tuberculosis. 10
- (d) Write sewer methods of termination of pregnancy ? What are complications of same. 10
7. *Answer the following sub-questions :*
- (a) Write advantages of breast feeding. What are contraindications of breast feeding ? How will you manage such case ? 10
- (b) Write causes of post menopausal bleeding. How will you diagnose a case of Carcinoma Cervix ? How will you prevent Carcinoma cervix ? 10
- (c) Write signs, symptoms and management of pelvic inflammatory disease. 10
- (d) Enumerate causes of contraception failure. 10

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## SECTION - D

8. *Answer the following sub-question :*

Write a short note on the following :

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|---|---|
| (a) Demographic cycle                                 | 5 |
| Net reproduction rate                                 | 5 |
| (b) Silicosis   | 5 |
| Assessment of obesity                                 | 5 |
| (c) Herd immunity                                     | 5 |
| Case finding methods in sexually transmitted diseases | 5 |
| (d) Dosage schedule of Hepatitis vaccine              | 5 |
| Acute flaccid paralysis surveillance                  | 5 |

9. *Answer the following subquestions :*

- |   |    |
|---|----|
| (a) Write briefly on Diet survey.   | 5  |
| What are the health hazards of noise exposure ?   | 5  |
| (b) Give importance of appropriate technology in primary health care context.   | 5  |
| Genetic counselling Public health measure - Justify.  | 5  |
| (c) Write short note on primary prevention of cancer.   | 5  |
| Discuss role of reservoir and source in transmission of infections disease.   | 5  |
| (d) Write briefly on DOT. plus strategy. Enumerate indicators of malaria surveillance under national malaria control programme. | 10 |

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