



[This question paper contains 02 printed pages]

Himachal Pradesh Administrative Service Combined Competitive (Main /  
Written) Examination, 2020

MEDICAL SCIENCE (PAPER-II)

Time allowed: Three Hours

Maximum Marks: 100

QUESTION PAPER SPECIFIC INSTRUCTIONS

Please read each of the following instructions carefully before attempting questions.

1. There are EIGHT questions printed in English.
2. Candidate has to attempt FIVE questions in all.
3. Question No.1 is compulsory. Out of the remaining SEVEN questions, FOUR are to be attempted.
4. All questions carry equal marks. The number of marks carried by a question / part is indicated against it.
5. Write answer in legible handwriting. Each part of the question must be answered in sequence and in the same continuation.
6. Illustrate your answers with suitable sketches and diagrams, wherever considered necessary. Coloured pencils may be used for the purpose.
7. Attempts of questions shall be counted in sequential order. Unless struck off, attempt of a question shall be counted even if attempted partly. Any page or portion of the page left blank in answer book must be clearly struck off.
8. Re-evaluation / Re-checking of answer book of the candidate is not allowed.

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1. (a) Enumerate Categories of Bio-medical waste and describe the management of Bio-medical waste. (10)  
(b) What are Immediate, acute and long term medical illnesses arising out of flood disaster. (10)
  2. (a) Describe symptoms of Anxiety and Depressive disorders. Describe elated mood, delusions and hallucinations. (10)  
(b) Define Burn and classify Burn injury. Describe management of Burn. (10)
  3. (a) Describe the current categorization of drug resistant Tuberculosis. Describe the current treatment Isoniazid- resistant Tuberculosis. (10)

- (b) Clinical features of Rabies. Describe management of Dog bites and Pre and post exposure prophylaxis against Rabies (10)
4. (a) Classify cleft lip and palate and describe Functional effects on child. Discuss treatment goals of cleft lip and palate. (10)
- (b) Discuss Glasgow coma scale. Describe 'Revised Trauma score' and what is importance of secondary survey? (10)
5. (a) Define Blindness (WHO). Describe causes of Blindness in India and Role of Eye camps in prevention of blindness. What are current objectives of National Programme for Control of Blindness in India? (10)
- (b) Describe Vitamin D Metabolism. Classify Rickets and describe clinical and radiological features Rickets. (10)
6. (a) Clinical (WHO) classification of dengue fever. Discuss management of dengue. (10)
- (b) Define contraception. Enumerate methods of Contraception. Discuss Steroidal contraception, its indications, contraindication, advantages and disadvantages of various steroidal contraceptive preparations. (10)
7. (a) Enumerate causes of Epistaxis . Describe management of Epistaxis. (10)
- (b) Describe Micro-vascular and Macro-vascular complications of Diabetes mellitus. Define hypoglycemia and describe roles and limitations of HBA<sub>1</sub>C in diabetic management. (10)
8. (a) Describe mechanism of drug eruption. Describe reaction pattern of drug eruption with examples of drugs causing them. (10)
- (b) Describe features of Bell's palsy. Discuss physical signs in Brachial plexus lesions. (10)

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