



QDB – 30

MEDICAL SCIENCE

Time : 3 Hours]

[Total Marks : 200

- Instructions :** 1) The question paper has been divided into **three** parts, “**A**”, “**B**” and “**C**”. The number of questions to be attempted and their marks are indicated in **each** part.
- 2) Medium of question paper is “**English**”. Please write in **English language only**.
- 3) Answer to all questions of each part should be written continuously in the script and should not be mixed with those of other parts. In the event of candidate writing answers to questions in a part different to the one to which the question belongs, the question shall not be assessed by the examiner.
- 4) The candidate should write the answer within the limit of words prescribed in the parts “**A**”, “**B**” and “**C**”.

PART – A

Marks : 40

- Instructions :** 1) Question No. **1 to 20**.
- 2) Attempt **all 20** questions.
- 3) **Each** question carries **2** marks.
- 4) Answer should be given approximately in **20 to 30** words.

1. What is metabolic acidosis ? What will be ABG picture ?
2. Describe Arthritis related with acute Rheumatic fever.
3. Enumerate 5 causes of episodic generalized weakness.
4. Describe auscultation findings in lobar pneumonia.
5. Describe important cardinal signs in congestive cardiac failure.
6. What is digital clubbing ? Write cardiovascular causes of clubbing.
7. Describe tubercular cervical lymph nodes.

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8. Describe clinical features suggestive of malignant breast lump.
9. What do you mean by maternal mortality rate ?
10. Enumerate the causes of haematuria.
11. Enumerate the parameters to be seen in Apgar score.
12. Enumerate different types of burns.
13. Enumerate 5 causes of massive splenomegaly.
14. Enumerate liver function tests.
15. Enumerate causes of water pollution.
16. Write down clinical features of hyperthyroidism.
17. Enumerate risk factors of Ischemic Heart Disease.
18. Describe Courvoisier's law.
19. Write down NYHA classification of dyspnoea.
20. Define shock.

PART – B

Marks : 60

- Instructions :**
- 1) Question No. 21 to 32.
 - 2) Attempt **all 12** questions.
 - 3) **Each** question carries **5** marks.
 - 4) Answer should be given approximately in **50 to 60** words.

21. Write down the differences between bacillary and amoebic dysentery.
22. Describe PAP test-A screening test for carcinoma cervix.
23. Mention classification of adverse drug reaction.
24. Describe various sickle cell crisis and its management.
25. HAART therapy in HIV infection.
26. Management of peptic perforation.



27. Describe salient features of MTP Act. Describe various methods of 1st trimester MTP.
28. What are the complications of blood transfusion ?
29. Advantages of breast feeding.
30. What is Silicosis and its effects on health ? Which are the industries where risk of silicosis is high ?
31. Define disaster. Describe various short term effects of major disasters.
32. Describe Stevens-Johnson syndrome.

PART – C

Marks : 100

- Instructions :** 1) Question No. **33 to 39**.
2) Attempt **any 5** out of 7 questions.
3) **Each** question carries **20** marks.
4) Answer should be given approximately in **200** words.

33. Describe clinical presentation, management and complications of acute appendicitis.
 34. Describe clinical features, investigations and management of Falciparum Malaria. Describe vector control measures to control malaria in endemic areas.
 35. Enumerate endocrinal and metabolic causes of coma. Describe pathophysiology and management of diabetic ketoacidosis.
 36. How would you manage snake bite ? Write measures for prevention of snake bite.
 37. Define family planning. Enumerate various modes of fertility regulating methods and its advantages and disadvantages.
 38. Classify dehydration according to WHO. Describe clinical features and management of severe dehydration in children.
 39. What is Jaundice ? Describe types and causes of Jaundice. Add a note on Leptospirosis.
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